

# Radiocaesium in the seas of northern Europe : 1975-79

A. J. Baxter, W. C. Camplin and A. K. Steele



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NUMBER 28

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Lowestoft

1992

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## **SUMMARY**

A computer data base of measurements of caesium-134 and caesium-137 in sea water has been compiled. The measurements were carried out by the UK Ministry of Agriculture, Fisheries and Food and include data for the Irish Sea, Bristol Channel, English Channel, North Sea, Scottish waters and other parts of the marine environment of northern Europe. This report covers the sampling period 1975-79 and is the second under the title 'Radiocaesium in the seas of northern Europe'. Further information will be published as the data base is expanded. It is hoped that the information will be useful to scientists modelling radionuclide dispersion in the area. In order to assist in the development of new models, diskettes of the data in ASCII files are available, on request, from the first author. The data include the locations of sample collection, collection date, depth, salinity, concentration of activity and counting errors. Plots of the geographic scope of the data are also provided to assist the user.

## **1. INTRODUCTION**

This is the second report under the title 'Radiocaesium in the seas of northern Europe'. The previous report covered the period 1980-1984 and included a brief history of the use of radiocaesium as a tracer of water movements and in hydrographic modelling studies of north European waters (Camplin and Steele, 1991).

The purpose of this report is to fully document the results of measurements of radiocaesium in sea water collected between 1975 and 1979 inclusive and measured by the Fisheries Laboratory of the Ministry of Agriculture, Fisheries and Food (MAFF) in the United Kingdom. Further reports will be published in due course as the data base is expanded to include MAFF data which goes back to the 1960's. The data included in this report are available on diskette from the first author.

The report lists a brief description of the sampling methods used (Section 2) and the analytical procedures adopted (Section 3). The scope of the data set is described (Section 4) with the aid of figures showing the sampling locations.

## **2. METHODS OF SAMPLING AND PREPARATION**

Various methods of sampling have been used to collect sea water. Surface samples were collected offshore from ships and at the shore. The offshore samples were obtained either by pumping through hoses or a dedicated shipboard supply, or by submerging water sampling bottles. Shoreline samples were collected using a bucket from within a few metres of the water's edge. Sub-surface samples were collected using large volume Niskin bottles which were triggered at the appropriate depth using mechanical or electro-mechanical means.

The sample size for radiocaesium analysis normally varied between 10 and 50 l depending on the anticipated concentration of radiocaesium in the sample. Sub-samples of approximately 250 ml were generally taken for salinity analysis. The radiocaesium samples were filtered through 0.22  $\mu\text{m}$  filter papers to remove particulates and then acidified to a pH of between 1 and 2 using nitric or hydrochloric acid, depending on the method of ion exchange to be used. Reducing the pH of the sample facilitates the selective absorption of caesium onto the resin during analysis. The samples were stored for periods of between a few hours and a year depending on the availability of the subsequent processing facilities.

### 3. MEASUREMENT OF ACTIVITY AND SALINITY

The measurement of activity in the samples is described by Baker (1975) and Dutton (1970). It involves passing the acidified filtrate through cartridges containing ammonium-duodecymolybdophosphate on silica gel (ASG) or potassium cobaltihexacyanoferrate (KCFC). Those samples which had been acidified with hydrochloric acid were passed through cartridges containing KCFC. KCFC was chosen where high levels of radiocaesium and significant concentrations of zirconium-95 and niobium-95 in sea water were anticipated. These radionuclides are absorbed by ASG and their radiations can interfere with those of caesium-134. The cartridges were counted for activity using a gated NaI (TI) well crystal detector system. Counting times varied between 100 and 400 minutes depending on the predicted level of activity in the sample. The limits of detection varied but were generally in the range of 1-10 Bq m<sup>-3</sup>.

Quality assurance of the detection method included regular recalibration of the detector using standard sources of known strength supplied by the Radiochemical Centre, Amersham, UK and participation in intercomparison exercises such as those organised by the International Atomic Energy Agency (IAEA, 1988) and others (Steele, 1989).

Salinity measurements were performed using an inductively coupled Autolab salinometer, Model 601 Mk III. Calibration was carried out using standard sea water supplied by the Institute of Oceanographic Sciences, Wormley, UK. The salinometer had a precision of  $\pm 0.003$ , but the greatest source of error was likely to be due to methods of sampling and storage.

### 4. DATA FORMAT AND SCOPE

The data set is provided at Annexes 1-3 as follows:

- shoreline sampling (Annex 1);
- routine offshore sampling (Annex 2);
- non-routine offshore sampling (Annex 3).

The data comprise the categories explained below:

- |              |   |
|--------------|---|
| Site name    | A 'site' is a collection of locations where samples have been obtained. It is often named after a nuclear establishment or a particular vessel used to collect offshore samples. A 'site' does not refer to a unique geographical area. |
| Site number  | Each 'site' is given an identifying number.   |
| Station name | A 'station' is a name given to the position where samples have been taken. Not all positions have names.  |

Station number	Each 'station' within a 'site' is given a unique number.
Position	The position of each 'station' is recorded as latitude and longitude in integer degrees, minutes and seconds.
Sample depth	The depth at which samples have been taken is given in Annexes 2 and 3 in metres. Surface samples are attributed to a nominal depth of 3 m except where more accurate information is available. All of the samples in Annex 1 were collected at the shoreline.
Station depth	For offshore positions, the depths of the stations are provided in metres. A blank entry indicates that no data are available.
Collection date	This is self explanatory.
Salinity	The salinity is recorded in practical salinity units (psu) (UNESCO, 1981) with 3 digits after the decimal point. Our judgement is that it is generally accurate to two digits after the decimal point. 'NA' means that no data are available.
Concentration of activity	The concentration of activity is given for caesium-134 and caesium-137 in Bq m <sup>-3</sup> . 'NA' means that no data are available. 'ND' means that a measurement was made but that no activity was detected in the sample using the method described. If a counting error of more than 60% was obtained, an 'ND' was entered. The errors quoted are counting errors of one standard deviation expressed as a percentage of the concentrations. Where no error data are available, the field is left blank. The concentrations are recorded with two digits after the decimal point though the accuracy of the measurement as indicated by the counting error is variable.
Ratio	This refers to the ratio of the concentration of caesium-137 over the concentration of caesium-134 where both radionuclides have been detected.
Sample number	This is a unique laboratory sample number for the year in which the sample was collected.

The scope of the data, which covers the period 1975-79, is described in Table 1. The shoreline positions in Annexes 1 and 2 are sorted in clockwise order around the coast of Britain, beginning at the north-eastern-most tip of the mainland. Data from cruises listed in Annex 3 are firstly grouped by cruise and are secondly sorted chronologically.

The locations of sampling positions in Annexes 1 and 2 are shown in Figures 1-5. There were too many locations from cruises listed in Annex 3 to provide station plots for all of the data in this report. However, Table 2 indicates the general area covered by each cruise in Annex 3 by reference to the ICES fishing areas. The latter are shown in Figure 6. Station plots for data in Annex 3 are available at no charge on written request to the first author. The three annexes are available on diskette, each as a separate ASCII file with the same format as that shown in this report.

## *Acknowledgements*

*The initiative for much of this programme originated with Doug Jefferies, now in retirement, who worked for MAFF in Lowestoft for many years. Doug's infectious spirit and understanding of radioactivity in the aquatic environment were greatly admired by us all. Our debt to his efforts is great.*

*We would also like to thank the many sampling, analytical and computing staff who took a part in producing these data over the years.*

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**Table 1. Scope of the data in Annexes 1-3**

Annex	Page	Site no.	Site name	Station no.	Station name or cruise	Position		National Grid Reference		
						Latitude	Longitude	Sheet	Easting	Northing
1	20	16	U.K. Survey	110	Wick (Highlands)	58:26:13N	3:4:33W	12	372	503
1	20	16	U.K. Survey	90	Helmsdale (Highlands)	58:6:53N	3:38:29W	17	33	151
1	20	16	U.K. Survey	111	Golspie (Highlands)	57:58:14N	3:58:41W	21	830	996
1	20	16	U.K. Survey	112	Buckie (Grampian)	57:40:50N	2:57:33W	28	428	660
1	20	16	U.K. Survey	113	Banff (Grampian)	57:40:16N	2:33:00W	29	672	647
1	20	16	U.K. Survey	85	Peterhead (Grampian)	57:30:41N	1:46:17W	30	137	468
1	20	16	U.K. Survey	108	Stonehaven (Grampian)	56:58:17N	2:11:51W	45	880	867
1	20	16	U.K. Survey	114	Arbroath (Tayside)	56:33:19N	2:34:39W	54	645	405
1	20	12	Sizewell	18	Lowestoft Beach (SE)	52:27:10N	1:44:20E	134	540	905
1	21	12	Sizewell	15	Sizewell Inlet	52:12:32N	1:37:39E	156	478	630
1	21	7	Bradwell	7	Waterside	51:43:52N	0:53:1E	168	991	76
1	22	7	Bradwell	118	Bradwell Inlet	51:44:40N	0:53:35E	168	997	91
1	23	8	Dungeness	10	Dungeness Inlet	50:54:32N	0:57:58E	189	85	164
1	23	22	Channel Islands	219	Alderney, East	49:44:18N	2:11:30W			
1	23	22	Channel Islands	224	Jersey, St Catherines Bay	49:13:8N	2:1:29W			
1	23	22	Channel Islands	216	Guernsey	49:27:24N	2:31:30W			
1	23	9	Hinkley	10	Inlet	51:13:2N	3:7:47W	182	212	471
1	24	6	Berkeley	115	Berkeley Inlet	51:41:37N	2:29:52W	162	656	996
1	25	34	Cardiff	4	Orchard Ledges East	51:27:55N	3:7:59W	171	213	747
1	25	1	Sellafield	75	Aberystwyth	52:24:59N	4:5:12W	135	581	819
1	25	14	Wylfa	6	Holyhead	53:18:59N	4:37:44W	114	249	832
1	25	14	Wylfa	1	Cemlyn Bay Shore	53:24:48N	4:30:41W	114	331	937
1	25	14	Wylfa	2	Cemaes Bay	53:24:53N	4:27:5W	114	371	937
1	26	14	Wylfa	3	Llandudno	53:19:29N	3:47:24W	116	808	824
1	26	14	Wylfa	4	Prestatyn	53:20:33N	3:24:54W	116	58	838
1	27	1	Sellafield	134	New Brighton	53:26:33N	3:3:9W	108	301	945
1	27	1	Sellafield	51	Ainsdale	53:36:31N	3:3:56W	108	295	130
1	27	1	Sellafield	178	Southport	53:39:21N	3:1:17W	108	325	182
1	28	1	Sellafield	33	Rossal (Fleetwood)	53:54:0N	3:2:55W	102	311	454
1	28	29	Heysham	2	Half Moon Bay	54:2:19N	2:54:37W	96	404	607
1	28	1	Sellafield	30	Walney Island	54:6:7N	3:16:10W	96	170	681
1	28	1	Sellafield	74	Walney West Shore	54:7:5N	3:16:17W	96	169	699
1	28	1	Sellafield	52	Silcroft	54:13:1N	3:20:53W	96	121	810
1	29	1	Sellafield	28	Gutterby	54:14:56N	3:23:26W	96	94	846
1	29	1	Sellafield	34	Eskmeals Newbiggin	54:20:3N	3:23:59W	96	90	941
1	30	1	Sellafield	24	Drigg Bam Scar	54:22:19N	3:28:18W	96	44	984
1	30	1	Sellafield	23	Seascale	54:23:36N	3:29:6W	89	36	8
1	32	1	Sellafield	21	Sellafield PLZ	54:24:56N	3:30:48W	89	18	33
1	32	1	Sellafield	20	Braystones South	54:26:0N	3:32:8W	89	4	53
1	32	1	Sellafield	18	Nethertown	54:27:19N	3:33:57W	89	985	78
1	32	1	Sellafield	17	St Bees	54:29:20N	3:36:9W	89	962	116
1	33	1	Sellafield	100	St Bees-W	54:29:20N	3:36:26W	89	959	116
1	34	1	Sellafield	39	W/A Shore	54:33:1N	3:35:56W	89	966	184
1	34	1	Sellafield	50	Workington Shore	54:39:56N	3:33:41W	89	993	312
1	35	1	Sellafield	15	Maryport Shore	54:44:30N	3:27:26W	89	62	395
1	35	1	Sellafield	53	Silloth	54:53:1N	3:22:41W	85	116	553
1	35	1	Sellafield	54	Southerness	54:52:22N	3:35:40W	84	977	543
1	35	1	Sellafield	55	Abbey Burnfoot	54:46:43N	3:57:22W	84	742	444
1	35	1	Sellafield	4	Isle of Whithorn	54:41:59N	4:21:32W	83	480	362
1	35	1	Sellafield	56	Portpatrick	54:50:23N	5:7:5W	82	998	539

**Table 1. Continued.**

Annex	Page	Site no.	Site name	Station no.	Station name or cruise	Position		National Grid Reference		
						Latitude	Longitude	Sheet	Easting	Northing
1	36	10	Hunterston	6	Fish Farm 1	55:43:25N	4:53:42W	63	182	516
1	36	15	Dounreay	120	Tongue	58:31:47N	4:25:37W	10	587	627
1	36	15	Dounreay	113	Strathy Point	58:34:58N	4:0:39W	10	831	678
1	37	15	Dounreay	116	Melvich	58:33:52N	3:55:13W	10	883	656
1	37	15	Dounreay	128	Sandside Bay West	58:34:11N	3:47:36W	11	957	660
1	37	15	Dounreay	110	Sandside Bay	58:34:12N	3:47:30W	11	958	660
1	37	15	Dounreay	107	Pumphouse	58:34:53N	3:44:51W	11	984	672
1	37	15	Dounreay	121	Dounreay North	58:35:19N	3:44:3W	11	992	680
1	37	15	Dounreay	105	Oigins Geo	58:35:29N	3:43:51W	11	994	683
1	37	15	Dounreay	122	Crosskirk	58:36:30N	3:40:23W	12	28	701
1	37	15	Dounreay	118	Forss	58:36:27N	3:40:11W	12	30	700
1	37	15	Dounreay	103	Brimms Ness	58:37:7N	3:38:52W	12	43	712
1	38	15	Dounreay	115	Scrabster	58:36:45N	3:32:45W	12	102	704
1	38	15	Dounreay	117	Dunnet Bay	58:35:51N	3:22:36W	12	200	685
1	38	15	Dounreay	100	Dunnet Head	58:40:23N	3:22:28W	7	203	769
2	40	37	File C	11	JONSIS 1					
2	40	37	File C	12	JONSIS 2					
2	40	16	U.K. Survey	67	Lowestoft (Boat)					
2	41	37	File C	13	Felixstowe-Europort					
2	41	37	File C	14	Felixstowe-Europort					
2	42	37	File C	15	Felixstowe-Europort					
2	42	37	File C	16	Felixstowe-Europort					
2	43	37	File C	17	Felixstowe-Europort					
2	43	37	File C	18	Southampton-Le Havre					
2	44	22	Channel Islands	218	Jersey, Ecrehos					
2	44	37	File C	6	Swansea-Cork St A					
2	45	37	File C	7	Swansea-Cork St B					
2	46	37	File C	8	Swansea-Cork St C					
2	47	37	File C	9	Swansea-Cork St D					
2	48	37	File C	10	Swansea-Cork St E					
2	49	50	St Georges Channel	1	Fishguard-Rosslare 1					
2	51	50	St Georges Channel	2	Fishguard-Rosslare 2					
2	52	50	St Georges Channel	3	Fishguard-Rosslare 3					
2	54	1	Sellafield	82	Dahn Buoy					
2	54	1	Sellafield	83	Midpoint net position					
2	54	1	Sellafield	116	PLZ Current Meter					
2	55	37	File C	1	Heysham-Belfast					
2	56	49	North Channel	1	Corsewall					
2	57	49	North Channel	2	Mid Channel					
2	58	49	North Channel	3	Hunter					
2	60	46	NEA weather ships	1	Station A					
2	61	46	NEA weather ships	2	Station B					
2	62	46	NEA weather ships	3	Station C					
2	64	46	NEA weather ships	4	Station D					
2	65	46	NEA weather ships	5	Station E					
2	66	47	NEA Challenger line	1	Challenger St 1					
2	67	47	NEA Challenger line	2	Challenger St 2					
2	68	47	NEA Challenger line	3	Challenger St 3					
2	68	47	NEA Challenger line	4	Challenger St 4					
2	69	47	NEA Challenger line	5	Challenger St 5					

**Table 1. Continued.**

Annex	Page	Site no.	Site name	Station no.	Station name or cruise	Position		National Grid Reference		
						Latitude	Longitude	Sheet	Easting	Northing
2	70	47	NEA Challenger line	6	Challenger St 6					
2	70	47	NEA Challenger line	7	Challenger St 7					
2	71	47	NEA Challenger line	8	Challenger St 8					
2	72	47	NEA Challenger line	9	Challenger St 9					
2	72	47	NEA Challenger line	10	Challenger St 10					
2	73	15	Dounreay	119	South of Sand Bank					
3	75	38	Cirolana		2/75					
	75				4/75					
	75				7/75					
	76				8/75					
	79				9/75					
3	79	40	Corella/Dawn Sky		6/75					
	80				7/75					
	81				11/75					
	86				13/75					
	89				14/75					
3	90	17	WA sea trip		7/6					
3	91	23	RV cruise		7/6					
3	92	38	Cirolana		1/76					
	97				3/76					
	98				6/76					
	106				8/76					
	106				9/76					
3	108	38	Cirolana		8/77					
	109				9/77					
	112				10/77					
3	118	39	Clione		1/77					
3	119	40	Corella/Dawn Sky		5/77					
	121				7/77					
3	125	38	Cirolana		1/78					
	128				4/78					
	130				5/78					
	141				7/78					
3	143	39	Clione		12/78					
3	144	23	RV cruise		7/9					
3	144	38	Cirolana		3/79					
	153				4/79					
	163				6/79					
	164				8/79					

*Notes:*

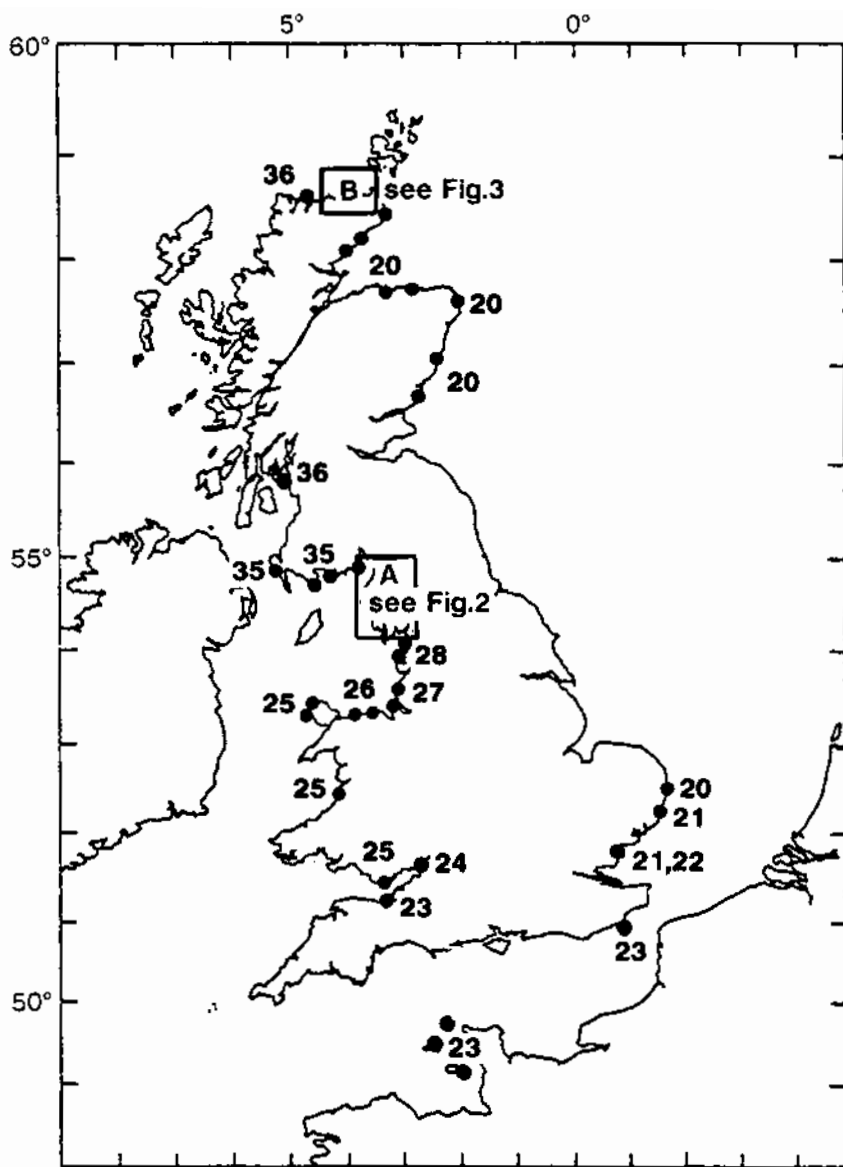
*The 'site' numbers and names are used at DFR as a convenient tool to group samples together. They do not refer to a unique geographical area. Station names are prescribed when convenient. A station is given a unique number within a 'site' group. The station numbers are not shown for cruises in this table*

**Table 2. ICES areas covered by non-routine offshore sampling**

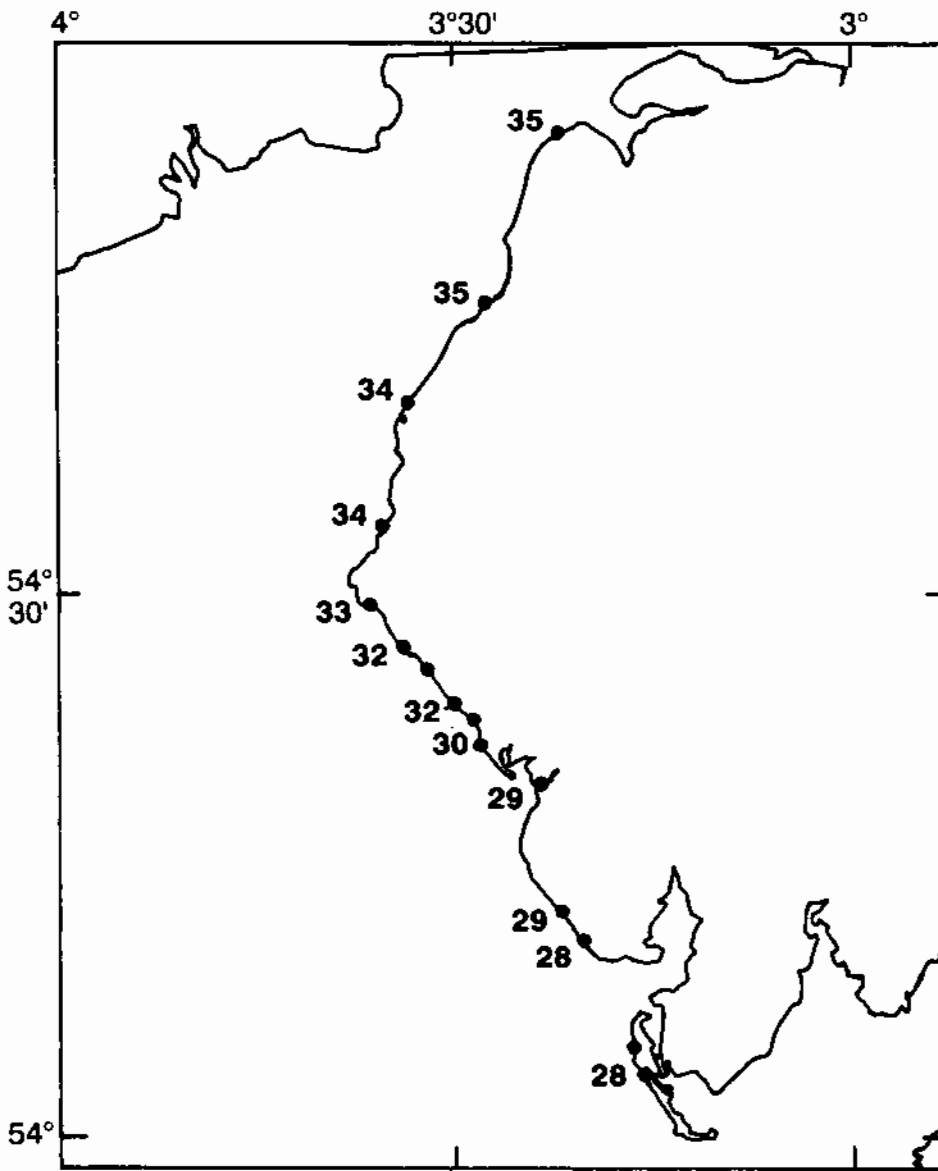
Vessel	Cruise no.	Page no.	Barents Sea	Norwegian Sea	Spitzbergen Bear Island	Kattegat and Skagerrak	North Sea			Icelandic grounds	NW coast Scotland N Ireland	Rockall	Irish Sea
			I	IIa	IIb	IIIa	North IVa	Central IVb	South IVc	Va	VIa	VIb	VIIa
Cirolana	2/75	75						X	X				
Cirolana	4/75	75							X				
Cirolana	7/75	75											
Cirolana	8/75	76	X	X	X		X	X			X		
Cirolana	9/75	79											
Corella	6/75	79							X				X
Corella	7/75	80							X				
Corella	11/75	81						X	X		X		X
Corella	13/75	86						X	X		X		
Corella	14/75	89				X		X	X				
WA sea trip	7/76	90											X
RV cruise	7/76	91		X				X			X		
Cirolana	1/76	92						X	X		X		X
Cirolana	3/76	97						X	X				
Cirolana	6/76	98				X		X	X				
Cirolana	8/76	106		X	X			X	X		X		X
Cirolana	9/76	106		X				X	X				
Cirolana	8/77	108						X	X		X		
Cirolana	9/77	109						X	X				
Cirolana	10/77	112						X	X		X		X
Clione	1/77	118											X
Corella	5/77	119											X
Corella	7/77	121						X	X		X		X
Cirolana	1/78	125							X				X
Cirolana	4/78	128						X	X		X	X	
Cirolana	5/78	130						X	X		X		X
Cirolana	7/78	141						X	X				
Clione	12/78	143											X
RV cruise	7/79	144	X	X	X								
Cirolana	3/79	144											X
Cirolana	4/79	153						X	X		X		X
Cirolana	6/79	163											
Cirolana	8/79	164						X	X				

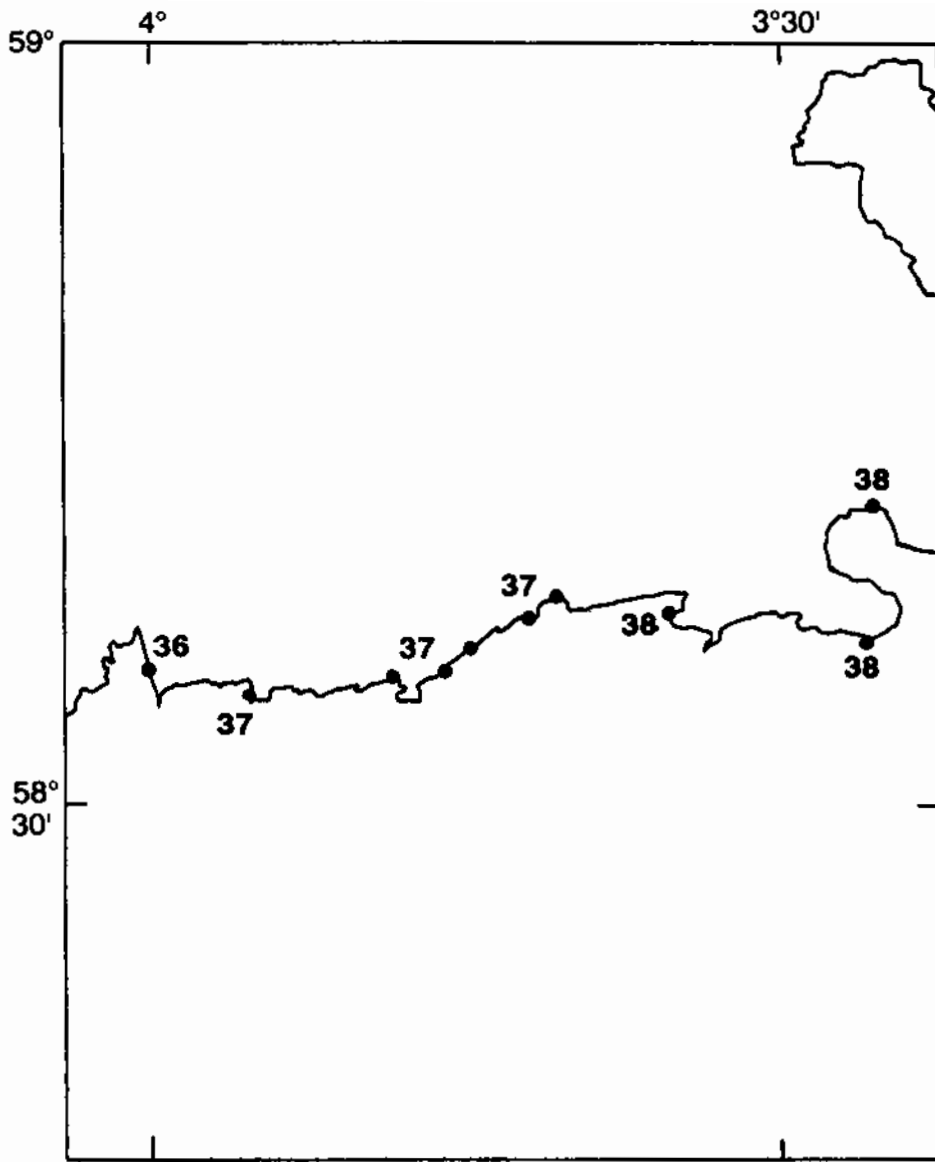
Vessel	Cruise no.	Page no.	W Coast Ireland Porcupine Bank	English Channel		Bristol Channel	S coast Ireland	Bay of Biscay	Portuguese waters	Azores grounds	North of Azores	North-east Greenland	South-east Greenland
			VIIb, c	VIId	VIIf	VIIf	VIIg-k	VIII	IX	X	XII	XIVa	XIVb
Cirolana	2/75	75											
Cirolana	4/75	75											
Cirolana	7/75	75					X				X		
Cirolana	8/75	76											
Cirolana	9/75	79							X	X			
Corella	6/75	79		X									
Corella	7/75	80											
Corella	11/75	81		X	X	X	X						
Corella	13/75	86											
Corella	14/75	89											
WA sea trip	7/76	90											
RV cruise	7/76	91											
Cirolana	1/76	92		X	X	X	X						
Cirolana	3/76	97											
Cirolana	6/76	98											
Cirolana	8/76	106										X	
Cirolana	9/76	106											X
Cirolana	8/77	108											
Cirolana	9/77	109											
Cirolana	10/77	112		X	X	X	X						
Clione	1/77	118											
Corella	5/77	119		X	X	X	X						
Corella	7/77	121		X	X	X	X						
Cirolana	1/78	125		X	X	X	X						
Cirolana	4/78	128	X	X	X	X	X						
Cirolana	5/78	130		X	X	X	X						
Cirolana	7/78	141											
Clione	12/78	143											
RV cruise	7/79	144											
Cirolana	3/79	144											
Cirolana	4/79	153	X	X	X	X	X						
Cirolana	6/79	163		X	X		X		X				
Cirolana	8/79	164											



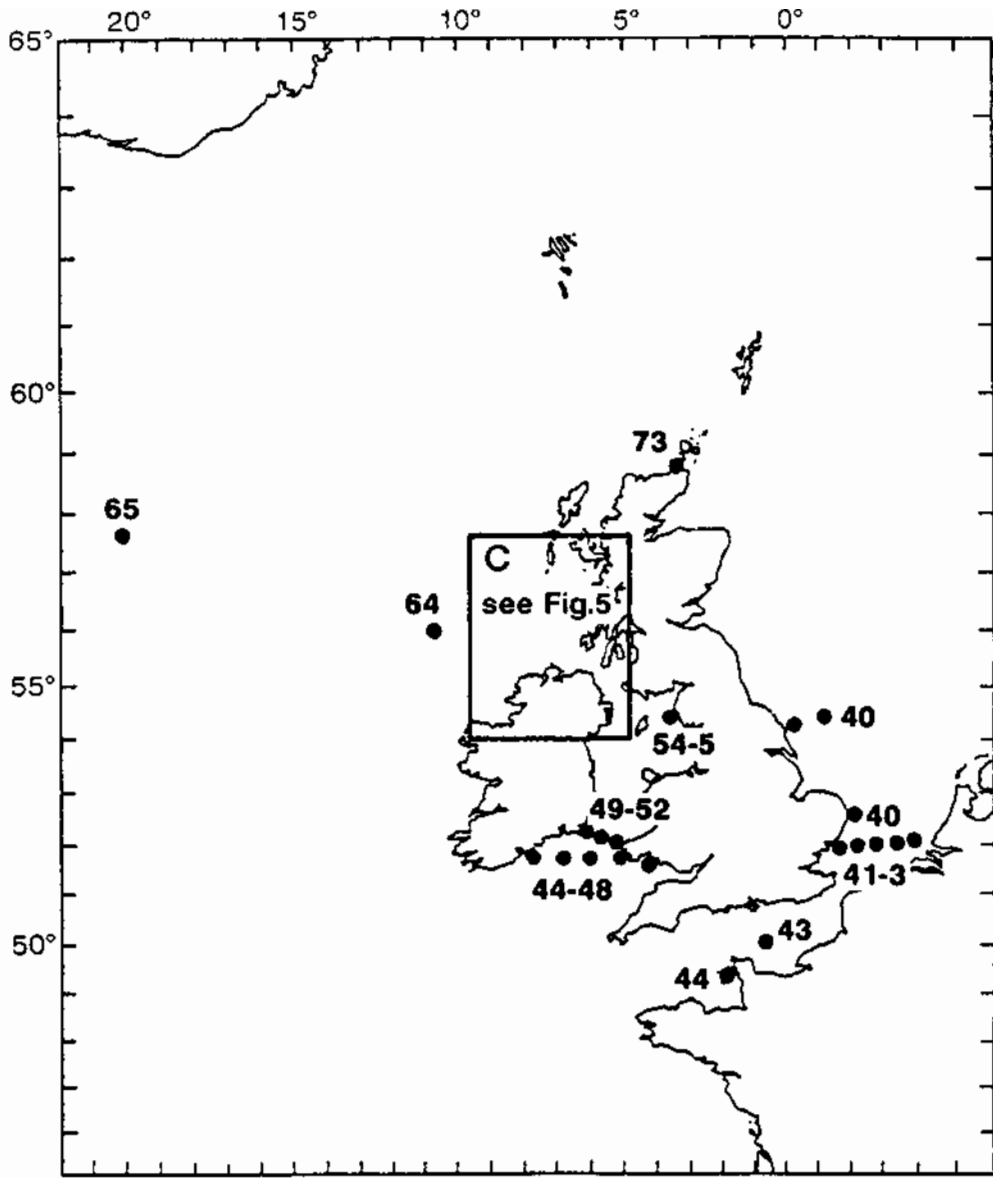
**Figure 1.** Location of shoreline sampling positions from Annex 1. The numbers shown on this figure refer to page numbers in the report



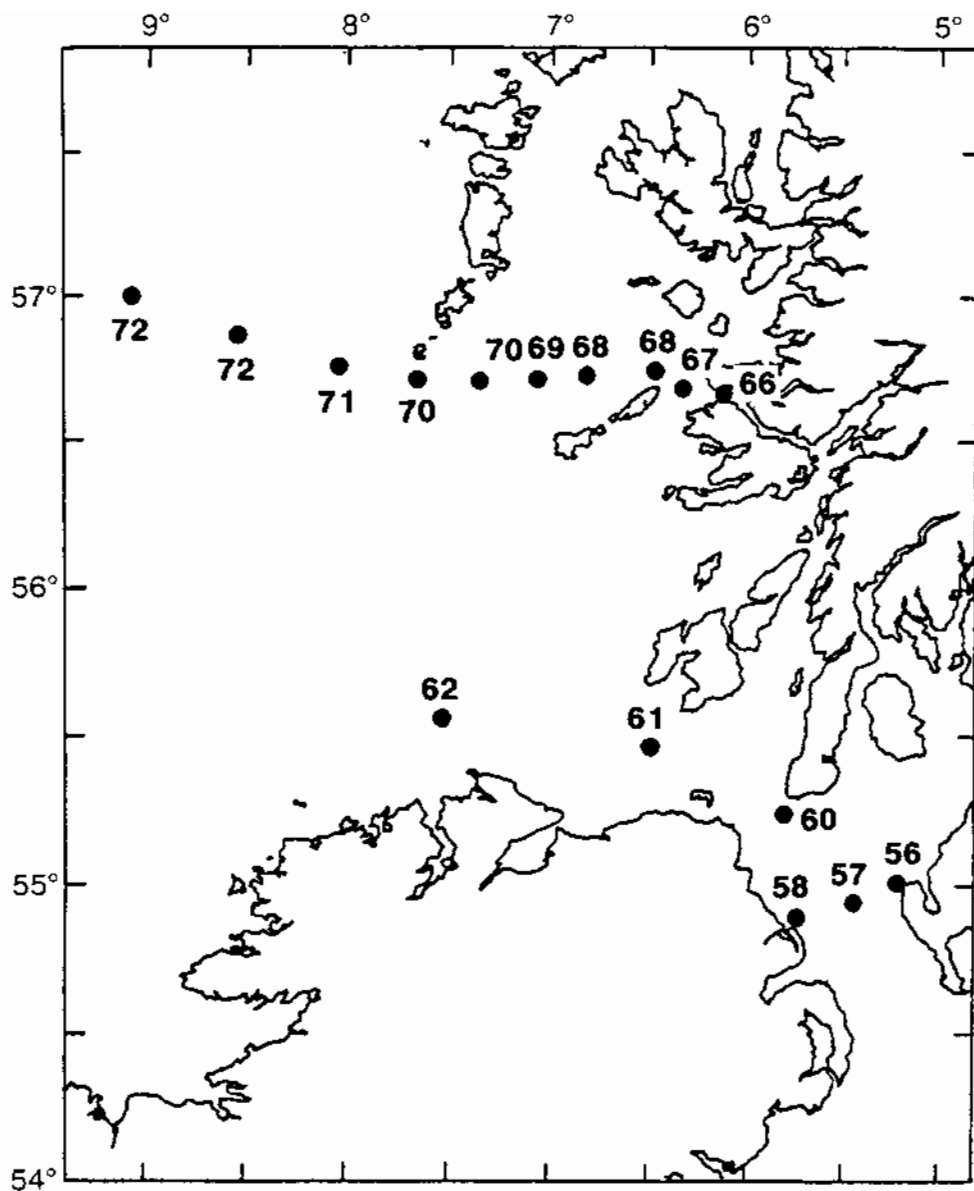
**Figure 2.** Location of shoreline sampling positions from Annex 1 - Inset A (see Figure 1).  
The numbers shown on this figure refer to page numbers in the report



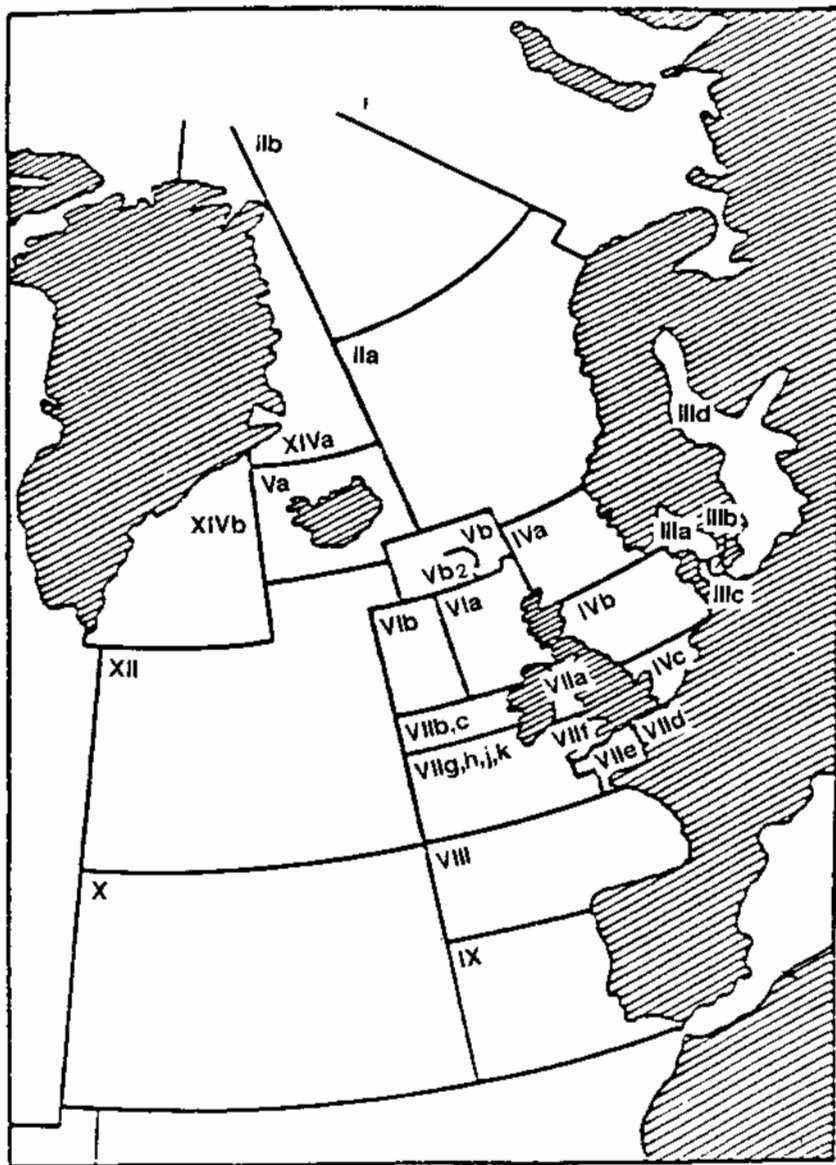
*Figure 3. Location of shoreline sampling positions from Annex 1 - Inset B (see Figure 1). The numbers shown on this figure refer to page numbers in the report*



**Figure 4.** Location of offshore sampling positions from Annex 2. The numbers shown on this figure refer to page numbers in the report



**Figure 5.** Location of offshore sampling positions from Annex 2 - Inset C (see Figure 4). The numbers shown on this figure refer to page numbers in the report



*Figure 6. ICES areas*

**ANNEX 1. CONCENTRATIONS OF  $^{134}\text{Cs}$  AND  $^{137}\text{Cs}$  IN FILTERED SEA WATER ( $\text{Bq m}^{-3}$ ):  
SHORELINE SAMPLING, 1975-79**

**Annex 1. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ): shoreline sampling, 1975-79**

Collection date	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
Site 16 U.K. Survey					
Station 110 Wick (Highlands) 58:26:13N 3: 4:33W					
29/ 7/77	34.108	82.73+- 2.1%	590.78+- 0.3%	7.1	3490
Site 16 U.K. Survey					
Station 90 Helmsdale (Highlands) 58: 6:53N 3:38:29W					
29/ 7/77	27.687	55.76+- 2.7%	468.64+- 0.3%	8.4	3487
Site 16 U.K. Survey					
Station 111 Golspie (Highlands) 57:58:14N 3:58:41W					
29/ 7/77	33.559	70.97+- 2.2%	581.60+- 0.3%	8.2	3486
Site 16 U.K. Survey					
Station 112 Buckie (Grampian) 57:40:50N 2:57:33W					
29/ 7/77	31.923	64.68+- 2.4%	502.46+- 0.3%	7.8	3491
Site 16 U.K. Survey					
Station 113 Banff (Grampian) 57:40:16N 2:33: 0W					
29/ 7/77	33.260	113.85+- 1.4%	507.05+- 0.3%	4.5	3489
Site 16 U.K. Survey					
Station 85 Peterhead (Grampian) 57:30:41N 1:46:17W					
30/ 7/77	33.694	58.53+- 2.6%	470.79+- 0.3%	8.0	3484
Site 16 U.K. Survey					
Station 108 Stonehaven (Grampian) 56:58:17N 2:11:51W					
30/ 7/77	34.177	53.50+- 2.8%	418.62+- 0.3%	7.8	3483
Site 16 U.K. Survey					
Station 114 Arbroath (Tayside) 56:33:19N 2:34:39W					
30/ 7/77	34.000	38.37+- 4.0%	294.67+- 0.5%	7.7	3482
Site 12 Sizewell					
Station 18 Lowestoft Beach (SE) 52:27:10N 1:44:20E					
5/ 1/78	34.075	25.20+- 6.5%	143.82+- 0.9%	5.7	4966
2/ 2/78	33.700	26.05+- 6.4%	102.27+- 1.3%	3.9	5546
1/ 3/78	33.208	16.72+- 9.1%	184.26+- 0.7%	11.0	5644
10/ 4/78	31.956	28.16+- 5.8%	234.10+- 0.6%	8.3	5680
8/ 5/78	31.963	32.60+- 4.8%	288.12+- 0.5%	8.8	5722
8/ 6/78	33.443	33.56+- 4.3%	324.12+- 0.4%	9.7	6041
3/ 7/78	32.965	31.86+- 4.6%	328.63+- 0.4%	10.3	6061
10/ 8/78	31.449	29.27+- 7.5%	386.87+- 0.5%	13.2	6155
11/ 9/78	32.037	36.08+- 4.6%	415.99+- 0.4%	11.5	6156

**Annex 1 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>):  
shoreline sampling, 1975-79**

Collection date	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
4/10/78	33.610	34.48+- 5.7%	399.56+- 0.5%	11.6	7217
31/10/78	33.453	35.08+- 4.8%	400.56+- 0.4%	11.4	6322
5/12/78	33.824	30.49+- 5.0%	328.60+- 0.4%	10.8	7267

*Site 12 Sizewell*

*Station 15 Sizewell Inlet*

52:12:32N 1:37:39E

17/ 1/77	ND	8.40+-16.5%	74.30+- 2.0%	8.8	2644
15/ 2/77	ND	12.02+- 8.0%	92.50+- 1.1%	7.7	2828
15/ 3/77	33.604	ND	77.18+- 1.2%		3143
15/ 4/77	32.989	17.94+- 7.7%	141.41+- 1.0%	7.9	3275
15/ 5/77	32.932	16.13+-10.0%	145.15+- 1.2%	9.0	3415
15/ 6/77	32.349	19.06+- 4.4%	156.29+- 0.5%	8.2	3425
15/ 7/77	33.228	44.33+- 2.6%	229.47+- 0.5%	5.2	4022
15/ 8/77	33.567	42.33+- 4.2%	202.32+- 0.8%	4.8	4024
15/ 9/77	33.170	35.89+- 3.5%	161.32+- 0.7%	4.5	4238
15/10/77	33.061	23.86+- 4.0%	116.77+- 0.7%	4.9	4920
15/11/77	34.275	15.32+- 6.8%	79.55+- 1.1%	5.2	4939
15/12/77	34.549	13.54+- 7.4%	135.05+- 0.6%	10.0	4988
15/ 1/78	34.173	26.23+- 4.9%	157.99+- 0.7%	6.0	5547
15/ 2/78	33.623	8.47+-12.9%	109.22+- 0.8%	12.9	5642
15/ 3/78	34.199	11.47+- 8.2%	83.47+- 0.9%	7.3	5709
15/ 4/78	32.779	25.64+- 4.4%	205.94+- 0.5%	8.0	5723
15/ 5/78	33.294	23.86+- 4.3%	245.53+- 0.4%	10.3	6042
15/ 6/78	31.351	30.67+- 3.2%	310.47+- 0.3%	10.1	6080
15/ 7/78	31.820	29.97+- 4.3%	319.83+- 0.3%	10.7	6149
15/ 8/78	33.642	29.05+- 3.8%	319.98+- 0.3%	11.0	6170
15/ 9/78	33.806	26.57+- 4.6%	285.86+- 0.4%	10.8	6306
15/10/78	33.859	32.04+- 3.8%	338.88+- 0.3%	10.6	6327
15/11/78	34.044	26.01+- 5.3%	313.17+- 0.4%	12.0	7270
15/12/78	34.633	12.21+- 9.4%	135.53+- 0.7%	11.1	7746
15/ 1/79	33.328	23.88+- 4.8%	253.97+- 0.4%	10.6	7749
15/ 2/79	33.038	42.92+- 3.1%	371.58+- 0.3%	8.7	7779
15/ 3/79	33.467	22.41+- 4.6%	266.89+- 0.4%	11.9	7800
15/ 4/79	NA	24.44+- 5.5%	281.01+- 0.4%	11.5	8164
15/ 5/79	NA	19.75+- 5.1%	217.79+- 0.4%	11.0	8184
15/ 6/79	NA	27.58+- 4.4%	246.74+- 0.4%	8.9	8199
15/ 7/79	NA	21.66+- 6.0%	310.37+- 0.4%	14.3	8855
15/ 8/79	NA	14.77+- 7.0%	194.74+- 0.4%	13.2	8856
15/ 9/79	NA	17.17+- 7.6%	193.68+- 0.6%	11.3	9022
15/10/79	NA	22.50+- 5.3%	195.23+- 0.5%	8.7	9041
15/11/79	NA	29.25+- 3.4%	178.38+- 0.4%	6.1	9439
15/12/79	NA	9.06+-17.3%	100.22+- 1.2%	11.1	9444

*Site 7 Bradwell*

*Station 7 Waterside*

51:43:52N 0:53: 1E

9/ 6/78	31.969	40.37+- 1.9%	243.46+- 0.3%	6.0	6050
13/ 7/78	33.151	54.17+- 2.5%	313.76+- 0.4%	5.8	6090

**Annex 1 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>):  
shoreline sampling, 1975-79**

Collection date	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
11/ 8/78	33.245	41.03+- 3.4%	264.22+- 0.4%	6.4	6174
12/ 9/78	34.069	34.74+- 2.4%	224.59+- 0.3%	6.5	6176
5/10/78	34.437	36.67+- 2.3%	249.31+- 0.3%	6.8	6178
8/11/78	34.394	40.96+- 2.1%	270.32+- 0.3%	6.6	7274
12/12/78	33.954	26.57+- 3.0%	199.06+- 0.4%	7.5	7276
1/ 2/79	28.295	15.83+- 4.9%	118.33+- 0.6%	7.5	7772
5/ 3/79	29.319	15.88+- 4.8%	135.53+- 0.5%	8.5	7799
9/ 4/79	30.477	14.69+- 5.1%	140.12+- 0.5%	9.5	8113
14/ 5/79	NA	24.70+- 3.2%	246.73+- 0.3%	10.0	8183
14/ 6/79	NA	24.32+- 3.2%	203.00+- 0.3%	8.3	8193
9/ 7/79	NA	23.40+- 3.2%	166.34+- 0.4%	7.1	8198
15/11/79	NA	23.17+- 3.6%	185.03+- 0.4%	8.0	9404
18/12/79	NA	16.39+- 4.5%	116.59+- 0.5%	7.1	9443
<i>Site 7 Bradwell</i>					
<i>Station 118 Bradwell Inlet</i>					
51:44:40N 0:53:35E					
15/ 1/77	NA	36.48+- 4.7%	184.07+- 1.0%	5.0	2672
15/ 2/77	30.576	39.96+- 3.6%	187.66+- 0.9%	4.7	2864
15/ 3/77	30.364	41.70+- 3.4%	172.09+- 0.9%	4.1	3144
15/ 4/77	31.983	49.06+- 3.5%	196.65+- 0.9%	4.0	3274
15/ 5/77	32.626	92.91+- 1.9%	328.52+- 0.6%	3.5	3416
15/ 6/77	32.842	85.91+- 1.1%	366.52+- 0.2%	4.3	3426
15/ 7/77	33.393	148.22+- 1.1%	513.97+- 0.3%	3.5	4023
15/ 8/77	33.628	68.86+- 1.7%	274.76+- 0.4%	4.0	4025
15/ 9/77	33.376	91.69+- 1.5%	330.37+- 0.4%	3.6	4239
15/10/77	33.823	128.83+- 0.8%	376.03+- 0.3%	2.9	4921
15/11/77	33.930	67.23+- 1.7%	216.52+- 0.5%	3.2	4938
15/12/77	33.354	102.75+- 1.0%	339.77+- 0.3%	3.3	4964
15/ 1/78	33.438	810.41+- 0.4%	2296.59+- 0.1%	2.8	5549
15/ 2/78	31.284	51.76+- 2.0%	184.37+- 0.5%	3.6	5638
15/ 3/78	31.896	36.22+- 2.2%	181.82+- 0.4%	5.0	5711
15/ 4/78	32.006	63.83+- 1.6%	251.16+- 0.4%	3.9	5725
15/ 5/78	25.567	18.28+- 4.5%	91.20+- 0.8%	5.0	6048
15/ 6/78	32.354	49.54+- 1.9%	278.54+- 0.3%	5.6	6078
15/ 7/78	31.306	57.42+- 2.5%	348.21+- 0.4%	6.1	6151
15/ 9/78	34.314	63.83+- 1.7%	348.84+- 0.3%	5.5	6308
15/10/78	34.477	56.57+- 1.8%	323.79+- 0.3%	5.7	6239
15/11/78	34.414	57.50+- 1.6%	350.91+- 0.2%	6.1	7272
15/12/78	34.081	28.08+- 3.5%	195.99+- 0.4%	7.0	7745
15/ 1/79	31.486	18.12+- 4.2%	115.86+- 0.6%	6.4	7750
15/ 2/79	29.209	13.06+- 7.5%	111.07+- 0.7%	8.5	7780
15/ 3/79	29.847	18.22+- 5.2%	165.83+- 0.5%	9.1	8109
15/ 4/79	NA	13.94+- 7.0%	147.99+- 0.6%	10.6	8163
15/ 5/79	NA	19.24+- 4.0%	129.56+- 0.5%	6.7	8188
15/ 6/79	NA	25.61+- 3.6%	169.50+- 0.5%	6.6	8197
15/ 7/79	NA	33.34+- 2.8%	209.56+- 0.4%	6.3	8860
15/ 8/79	NA	42.12+- 2.3%	255.42+- 0.3%	6.1	8891

**Annex 1 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>):  
shoreline sampling, 1975-79**

Collection date	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
15/ 9/79	NA	36.03+- 3.0%	227.21+- 0.4%	6.3	9019
11/10/79	NA	29.83+- 2.7%	201.84+- 0.4%	6.8	9020
15/10/79	NA	31.13+- 2.6%	209.51+- 0.3%	6.7	9403
15/11/79	NA	24.33+- 4.6%	193.25+- 0.4%	7.9	9441
15/12/79	NA	17.24+- 5.8%	158.16+- 0.5%	9.2	9442

*Site 8 Dungeness*

Station 10 Dungeness Inlet 50:54:32N 0:57:58E

17/11/76	NA	ND	43.66+- 0.0%		10548
15/ 1/79	34.742	ND	25.90+- 2.0%		7794
15/ 2/79	34.660	23.25+- 4.6%	119.04+- 0.8%	5.1	7795
15/ 3/79	NA	ND	25.25+- 2.0%		8159
15/ 4/79	NA	ND	27.04+- 2.4%		8168
15/ 5/79	NA	ND	38.87+- 1.3%		8540
15/ 7/79	NA	ND	16.99+- 3.1%		8562
15/ 8/79	NA	ND	19.28+- 2.6%		8859
15/12/79	NA	ND	12.43+- 3.0%		9445

*Site 22 Channel Islands*

Station 219 Alderney, east 49:44:18N 2:11:30W

6/ 4/79	NA	ND	23.16+- 2.2%		8114
26/ 6/79	NA	ND	22.95+- 2.2%		8558
23/10/79	NA	ND	43.95+- 1.2%		9072

*Site 22 Channel Islands*

Station 224 Jersey, St Catherines Bay 49:13: 8N 2: 1:29W

6/ 4/79	NA	ND	25.40+- 1.6%		8123
3/ 7/79	NA	ND	14.63+- 2.8%		8556
15/10/79	NA	ND	15.26+- 2.7%		9010

*Site 22 Channel Islands*

Station 216 Guernsey 49:27:24N 2:31:30W

6/ 4/79	NA	ND	15.05+- 3.3%		8115
4/ 6/79	NA	ND	9.80+- 5.0%		8175
16/10/79	NA	ND	10.90+- 4.5%		9067

*Site 9 Hinkley*

Station 10 Inlet 51:13: 2N 3: 7:47W

15/ 1/77	NA	11.62+-14.2%	84.36+- 2.1%	7.3	2673
15/ 2/77	25.381	18.46+- 9.0%	85.25+- 2.0%	4.6	3222
15/ 3/77	26.056	120.06+- 1.5%	395.46+- 0.5%	3.3	3223
15/ 4/77	26.003	26.23+- 6.5%	109.22+- 1.6%	4.2	3414
15/ 5/77	25.864	19.06+- 5.4%	92.43+- 0.9%	4.9	3427
15/ 6/77	26.185	20.09+- 4.7%	107.30+- 0.7%	5.3	3428
15/ 7/77	26.684	19.54+- 7.5%	82.40+- 1.4%	4.2	4020

**Annex 1 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ):  
shoreline sampling, 1975-79**

Collection date	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
15/ 8/77	27.474	32.63+- 4.5%	133.31+- 0.9%	4.1	4021
15/ 9/77	28.027	24.57+- 5.5%	125.50+- 0.9%	5.1	4240
15/10/77	27.943	29.23+- 3.1%	135.64+- 0.6%	4.6	4910
15/11/77	27.484	18.80+- 4.9%	77.22+- 1.0%	4.1	4940
15/12/77	27.083	16.91+- 6.1%	78.07+- 1.1%	4.6	5511
15/ 1/78	24.920	ND	79.48+- 0.7%		5553
15/ 2/78	25.144	ND	69.08+- 0.8%		5640
15/ 3/78	25.122	ND	65.27+- 0.9%		5713
15/ 4/78	23.704	ND	76.48+- 0.7%		5735
15/ 5/78	30.782	29.53+- 2.6%	168.65+- 0.4%	5.7	6046
15/ 6/78	26.258	20.79+- 4.5%	116.22+- 0.7%	5.6	6088
15/ 7/78	31.841	11.51+-10.1%	95.87+- 1.0%	8.3	6153
15/ 8/78	27.683	17.87+- 5.3%	110.22+- 0.7%	6.2	6172
15/ 9/78	28.341	23.01+- 6.5%	122.17+- 1.0%	5.3	6310
15/10/78	29.041	41.63+- 3.1%	279.57+- 0.4%	6.7	6323
15/11/78	29.429	23.09+- 4.6%	150.66+- 0.6%	6.5	7278
15/12/78	34.595	20.79+- 5.0%	134.79+- 0.6%	6.5	7747
15/ 1/79	NA	ND	56.12+- 1.0%		8165
15/ 2/79	NA	ND	55.81+- 1.0%		8166
15/ 3/79	NA	ND	62.33+- 0.9%		8169
15/ 4/79	NA	ND	59.85+- 0.9%		8167
15/ 5/79	NA	11.76+- 7.6%	95.99+- 0.8%	8.2	8545
15/ 6/79	NA	11.76+- 8.3%	81.85+- 1.0%	7.0	8546
15/ 7/79	NA	ND	74.67+- 0.6%		8857
15/ 8/79	NA	14.53+- 6.2%	145.54+- 0.5%	10.0	8858
15/ 9/79	NA	9.94+-12.1%	109.49+- 0.9%	11.0	9045
15/10/79	NA	7.42+-11.0%	86.93+- 0.8%	11.7	9046
15/11/79	NA	ND	65.78+- 0.6%		9438
15/12/79	NA	ND	60.05+- 0.7%		9440
<b>Site 6 Berkeley</b>					
<b>Station 115 Berkeley Inlet</b>					
51:41:37N 2:29:52W					
15/ 2/77	NA	26.49+- 3.7%	167.83+- 0.7%	6.3	2797
15/ 5/77	8.285	ND	105.67+- 2.0%		3424
15/ 6/77	14.917	26.08+- 3.8%	117.85+- 0.7%	4.5	3429
15/ 9/77	20.301	44.40+- 2.3%	186.63+- 0.5%	4.2	4237
15/10/77	18.054	52.21+- 1.9%	197.25+- 0.4%	3.8	4909
15/11/77	8.798	ND	60.61+- 0.9%		4919
15/12/77	8.986	ND	65.23+- 0.8%		4973
15/ 1/78	8.724	ND	63.71+- 0.9%		4990
15/ 2/78	5.515	ND	25.57+- 1.9%		5559
15/ 3/78	7.613	ND	49.40+- 1.1%		5704
15/ 4/78	12.333	ND	63.83+- 0.8%		5715
1/ 5/78	15.570	ND	67.08+- 0.8%		5733
23/ 5/78	19.486	19.02+- 4.8%	101.90+- 0.8%	5.4	6043
1/ 7/78	21.091	20.53+- 4.1%	110.15+- 0.7%	5.4	6066
31/ 7/78	31.642	17.32+- 5.9%	106.60+- 0.8%	6.2	6147

**Annex 1 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>):  
shoreline sampling, 1975-79**

Collection date	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
15/ 8/78	19.171	ND	106.67+- 0.5%		6166
31/10/78	22.067	13.73+- 7.4%	95.65+- 0.9%	7.0	7268
15/12/78	34.830	ND	37.30+- 1.5%		7748
31/ 1/79	10.054	ND	22.55+- 1.8%		7778
15/ 3/79	NA	ND	15.09+- 3.3%		8112
<i>Site 34 Cardiff</i>					
<i>Station 4 Orchard Ledges East</i>					
			51:27:55N 3: 7:59W		
4/ 4/79	NA	ND	35.40+- 1.1%		7797
26/ 6/79	NA	ND	47.12+- 1.7%		8196
9/ 9/79	NA	ND	60.35+- 1.3%		8578
20/11/79	NA	ND	62.75+- 1.2%		9414
<i>Site 1 Sellafield</i>					
<i>Station 75 Aberystwyth</i>					
			52:24:59N 4: 5:12W		
17/10/78	21.725	13.73+-11.5%	125.43+- 1.1%	9.1	6354
<i>Site 14 Wylfa</i>					
<i>Station 6 Holyhead</i>					
			53:18:59N 4:37:44W		
14/ 6/79	NA	70.55+- 7.3%	1249.34+- 0.3%	17.7	8539
6/ 9/79	NA	23.93+-17.7%	425.30+- 0.8%	17.8	8885
23/10/79	NA	29.61+-13.2%	663.01+- 0.5%	22.4	8935
21/11/79	NA	40.41+- 9.7%	768.83+- 0.5%	19.0	9024
18/12/79	NA	ND	579.86+- 0.6%		9425
<i>Site 14 Wylfa</i>					
<i>Station 1 Cemlyn Bay Shore</i>					
			53:24:48N 4:30:41W		
18/10/76	33.150	711.36+- 1.0%	4969.69+- 0.2%	7.0	2202
1/ 4/77	33.599	490.10+- 1.3%	3495.09+- 0.3%	7.1	3053
19/ 5/77	33.972	369.15+- 1.7%	3003.36+- 0.3%	8.1	3298
22/ 9/77	NA	203.98+- 3.1%	1760.87+- 0.3%	8.6	4246
24/11/77	29.508	150.37+- 3.8%	1296.81+- 0.4%	8.6	4923
13/ 6/79	NA	110.47+- 4.8%	1718.84+- 0.3%	15.6	8534
7/ 9/79	NA	27.70+-16.0%	691.06+- 0.5%	24.9	8881
23/10/79	NA	5.94+- 6.8%	91.68+- 0.4%	15.4	8936
21/11/79	NA	58.62+- 6.8%	941.14+- 0.4%	16.1	9026
18/12/79	NA	46.21+-12.0%	668.02+- 0.7%	14.5	9426
<i>Site 14 Wylfa</i>					
<i>Station 2 Cemaes Bay</i>					
			53:24:53N 4:27: 5W		
5/ 2/75	NA	412.18+- %	1860.73+- %	4.5	10133
24/ 4/75	NA	1022.31+- %	4773.00+- %	4.7	10136
29/ 8/75	33.692	461.39+- %	2339.51+- %	5.1	10139

**Annex 1 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>):  
shoreline sampling, 1975-79**

Collection date	Salinity	<sup>134</sup> Cs		<sup>137</sup> Cs		Ratio	Sample no.
18/12/75	NA	557.22+-	%	3143.52+-	%	5.6	10142
11/ 2/78	31.243	175.12+-	3.9%	1727.09+-	0.4%	9.9	5632
9/ 6/78	34.070	132.39+-	5.0%	1490.55+-	0.4%	11.3	6013
7/ 9/78	33.905	253.52+-	4.9%	2951.12+-	0.4%	11.6	6142
15/10/78	33.624	205.90+-	2.3%	2650.16+-	0.2%	12.9	6353
16/11/78	NA	505.05+-	2.8%	6161.54+-	0.3%	12.2	6360
19/ 3/79	31.476	59.08+-	9.6%	1042.50+-	0.5%	17.6	7781
19/ 4/79	33.717	48.74+-	11.6%	942.21+-	0.6%	19.3	8139

*Site 14 Wylfa*

*Station 3 Llandudno*

53:19:29N 3:47:24W

5/ 2/75	NA	878.75+-	%	3970.10+-	%	4.5	10134
25/ 4/75	NA	1412.66+-	%	6682.20+-	%	4.7	10137
29/ 8/75	32.965	858.03+-	%	4251.30+-	%	5.0	10140
18/12/75	NA	1730.49+-	%	9357.30+-	%	5.4	10143
18/10/76	32.500	1213.01+-	0.7%	8018.38+-	0.2%	6.6	2201
30/ 3/77	32.201	315.98+-	1.9%	2552.04+-	0.3%	8.1	3055
20/ 5/77	32.860	219.08+-	2.7%	1934.03+-	0.4%	8.8	3299
21/ 9/77	31.340	515.23+-	1.5%	4405.89+-	0.2%	8.6	4248
25/11/77	33.153	160.43+-	3.6%	1447.33+-	0.4%	9.0	4924
10/ 2/78	31.431	225.81+-	3.1%	2409.81+-	0.3%	10.7	5633
8/ 6/78	32.010	301.29+-	2.9%	3084.14+-	0.3%	10.2	6014
6/ 9/78	32.994	287.42+-	5.6%	4353.72+-	0.4%	15.1	6143
14/11/78	NA	520.63+-	2.7%	5767.82+-	0.3%	11.1	6361
18/ 3/79	32.835	122.48+-	4.8%	1607.51+-	0.4%	13.1	7782
19/ 4/79	32.886	164.83+-	3.7%	1921.96+-	0.3%	11.7	8140
12/ 6/79	NA	102.97+-	7.0%	1788.82+-	0.4%	17.4	8535
4/ 9/79	31.000	152.42+-	4.2%	2234.87+-	0.3%	14.7	8882
1/10/79	NA	239.20+-	2.8%	3416.41+-	0.2%	14.3	8932
23/10/79	NA	229.03+-	2.9%	3624.66+-	0.2%	15.8	8937
21/11/79	NA	153.65+-	4.8%	2053.28+-	0.4%	13.4	9029
18/12/79	NA	23.85+-	33.1%	1207.56+-	0.6%	50.6	9427

*Site 14 Wylfa*

*Station 4 Prestatyn*

53:20:33N 3:24:54W

5/ 2/75	NA	1124.43+-	%	5009.80+-	%	4.5	10135
25/ 4/75	NA	2183.74+-	%	10012.20+-	%	4.6	10138
29/ 8/75	32.233	1685.35+-	%	8399.00+-	%	5.0	10141
18/12/75	NA	2131.94+-	%	11162.90+-	%	5.2	10144
18/10/76	31.154	1452.84+-	0.6%	9680.61+-	0.2%	6.7	2000

**Annex 1 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>):  
shoreline sampling, 1975-79**

Collection date	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
1/ 4/77	31.005	336.18+- 1.8%	2579.53+- 0.3%	7.7	3054
20/ 5/77	31.206	560.25+- 1.2%	4529.98+- 0.2%	8.1	3300
21/ 9/77	32.498	729.53+- 1.2%	5920.85+- 0.1%	8.1	4247
26/11/77	32.020	246.24+- 2.5%	2106.26+- 0.3%	8.6	4925
11/ 2/78	30.228	383.80+- 2.1%	3498.83+- 0.2%	9.1	5634
7/ 6/78	30.956	424.35+- 1.9%	4392.82+- 0.2%	10.4	6015
6/ 9/78	31.551	510.42+- 3.1%	6428.12+- 0.3%	12.6	6144
14/11/78	NA	270.43+- 4.2%	3702.52+- 0.3%	13.7	6362
18/ 3/79	30.405	175.46+- 3.5%	2377.36+- 0.3%	13.5	7783
19/ 4/79	27.313	349.09+- 2.2%	4231.87+- 0.2%	12.1	8141
12/ 6/79	NA	254.66+- 2.9%	3485.73+- 0.2%	13.7	8536
4/ 9/79	30.000	249.05+- 3.9%	3729.06+- 0.3%	15.0	8883
1/10/79	NA	372.61+- 2.0%	5269.99+- 0.2%	14.1	8931
23/10/79	NA	452.89+- 1.8%	6245.36+- 0.1%	13.8	8938
21/11/79	NA	238.93+- 3.1%	3885.34+- 0.2%	16.3	9030
18/12/79	NA	67.92+-11.8%	1496.32+- 0.5%	22.0	9428

*Site 1 Sellafield*

*Station 134 New Brighton*

53:26:33N 3: 3: 9W

19/ 5/77	29.368	208.90+- 1.4%	1567.47+- 0.3%	7.5	3302
23/ 1/78	34.452	1402.08+- 1.3%	11667.54+- 0.2%	8.3	5531
8/ 2/78	29.574	599.36+- 1.7%	5598.62+- 0.2%	9.3	5636
7/ 6/78	31.489	545.12+- 1.6%	5482.84+- 0.2%	10.1	6017
5/ 9/78	31.545	555.26+- 2.8%	6636.76+- 0.3%	12.0	6146
12/11/78	Na	465.98+- 3.1%	5484.18+- 0.3%	11.8	6364
17/ 3/79	28.701	261.18+- 2.5%	3111.45+- 0.2%	11.9	7787
19/ 4/79	NA	394.90+- 2.0%	4665.95+- 0.2%	11.8	8142
10/ 6/79	NA	261.94+- 3.4%	3616.15+- 0.2%	13.8	8538
2/ 9/79	32.000	387.71+- 1.8%	5623.97+- 0.1%	14.5	8886
23/10/79	NA	451.27+- 1.8%	6365.65+- 0.1%	14.1	8939
21/11/79	NA	343.56+- 2.3%	4913.35+- 0.2%	14.3	9032
18/12/79	NA	340.47+- 2.9%	5781.27+- 0.2%	17.0	9429

*Site 1 Sellafield*

*Station 51 Ainsdale*

53:36:31N 3: 3:56W

19/ 4/79	NA	613.34+- 1.4%	7134.57+- 0.1%	11.6	8143
1/10/79	NA	519.85+- 1.7%	6672.16+- 0.1%	12.8	8919
23/10/79	NA	473.52+- 2.0%	6647.95+- 0.2%	14.0	8940
22/11/79	NA	535.10+- 1.7%	7121.03+- 0.1%	13.3	9034
18/12/79	NA	142.99+- 6.9%	2714.79+- 0.3%	19.0	9430

*Site 1 Sellafield*

*Station 178 Southport*

53:39:21N 3: 1:17W

18/ 5/77	30.092	533.73+- 0.7%	3851.40+- 0.2%	7.2	3303
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**Annex 1 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>):  
shoreline sampling, 1975-79**

Collection date	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
<i>Site 1 Sellafield</i>					
<i>Station 33 Rossal (Fleetwood)</i> 53:54: 0N 3: 2:55W					
20/ 4/79	NA	634.57+- 1.4%	7206.26+- 0.1%	11.4	8144
5/10/79	NA	691.92+- 1.5%	9145.50+- 0.1%	13.2	8918
22/11/79	NA	723.06+- 1.5%	9302.90+- 0.1%	12.9	9036
19/12/79	NA	347.57+- 3.3%	5772.01+- 0.2%	16.6	9431
<i>Site 29 Heysham</i>					
<i>Station 2 Half Moon Bay</i> 54: 2:19N 2:54:37W					
15/ 8/76	33.740	454.06+- 0.9%	3135.75+- 0.2%	6.9	1793
22/ 9/76	NA	872.72+- 1.0%	6000.99+- 0.3%	6.9	1998
19/10/76	33.736	534.58+- 1.3%	3788.43+- 0.3%	7.1	2461
16/11/76	34.043	708.70+- 1.1%	4985.79+- 0.3%	7.0	2462
16/12/76	23.398	1135.90+- 0.8%	7788.50+- 0.3%	6.9	2528
26/ 3/77	30.391	1111.74+- 0.7%	8361.78+- 0.2%	7.5	3056
20/ 5/77	31.299	1279.79+- 0.7%	9407.32+- 0.2%	7.4	3301
19/ 9/77	32.435	1945.20+- 1.1%	15176.92+- 0.2%	7.8	4250
21/11/77	27.537	971.80+- 1.0%	7774.55+- 0.1%	8.0	4926
6/ 2/78	27.605	963.55+- 1.1%	8103.33+- 0.1%	8.4	5635
5/ 6/78	32.913	503.64+- 1.9%	5317.05+- 0.2%	10.6	6016
8/ 9/78	27.115	838.42+- 2.5%	10546.04+- 0.2%	12.6	6145
10/11/78	NA	1268.47+- 1.9%	14521.58+- 0.2%	11.4	6363
15/ 3/79	29.500	737.32+- 1.3%	8091.84+- 0.1%	11.0	7784
20/ 4/79	NA	583.31+- 1.8%	6901.89+- 0.2%	11.8	8145
4/ 7/79	NA	611.93+- 1.6%	7553.15+- 0.1%	12.3	8547
1/ 9/79	NA	729.44+- 1.3%	9270.93+- 0.1%	12.7	8884
<i>Site 1 Sellafield</i>					
<i>Station 30 Walney Island</i> 54: 6: 7N 3:16:10W					
5/ 4/77	31.688	931.70+- 1.2%	7056.68+- 0.3%	7.6	3065
20/ 4/77	32.123	3841.19+- 0.5%	28719.55+- 0.2%	7.5	3232
23/ 5/77	32.746	2566.54+- 0.5%	19173.11+- 0.2%	7.5	3306
<i>Site 1 Sellafield</i>					
<i>Station 74 Walney West Shore</i> 54: 7: 5N 3:16:17W					
4/10/79	NA	2384.13+- 1.1%	28339.70+- 0.1%	11.9	8917
24/10/79	NA	882.91+- 1.3%	11267.30+- 0.1%	12.8	8942
22/11/79	NA	1246.45+- 1.2%	15113.50+- 0.1%	12.1	9039
19/12/79	NA	796.30+- 2.0%	11424.00+- 0.1%	14.3	9432
<i>Site 1 Sellafield</i>					
<i>Station 52 Silecroft</i> 54:13: 1N 3:20:53W					
11/ 1/76	NA	10530.20+- %	54353.00+- %	5.2	10459

**Annex 1 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ):  
shoreline sampling, 1975-79**

Collection date	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
20/ 4/79	NA	699.58+- 1.7%	7852.27+- 0.2%	11.2	8146
4/10/79	NA	1990.17+- 1.1%	22804.40+- 0.1%	11.5	8916
24/10/79	NA	989.39+- 1.2%	12356.70+- 0.1%	12.5	8943
22/11/79	NA	2247.96+- 1.0%	26022.80+- 0.1%	11.6	9040
19/12/79	NA	1258.23+- 1.7%	17088.60+- 0.1%	13.6	9433
<b>Site 1 Sellafield</b>					
Station 28 Gutterby		54:14:56N 3:23:26W			
5/ 4/77	31.854	1654.68+- 0.8%	11395.44+- 0.2%	6.9	3064
20/ 4/77	31.982	5205.57+- 0.5%	37239.39+- 0.2%	7.2	3231
23/ 5/77	32.840	3236.24+- 0.7%	21851.46+- 0.2%	6.8	3307
<b>Site 1 Sellafield</b>					
Station 34 Eskmeals Newbiggin		54:20: 3N 3:23:59W			
11/ 1/76	NA	18529.60+- %	93351.00+- %	5.0	10461
20/ 1/76	19.075	2005.40+- %	11166.60+- %	5.6	10447
2/ 2/76	31.871	7237.20+- %	37259.00+- %	5.1	10448
3/ 3/76	31.665	2843.08+- %	16061.70+- %	5.6	10449
16/ 3/76	NA	2490.84+- %	14459.60+- %	5.8	10450
13/ 4/76	34.735	2651.05+- %	15517.80+- %	5.9	10451
20/ 5/76	25.059	1465.57+- %	8850.40+- %	6.0	10452
8/ 6/76	34.735	6822.80+- %	37703.00+- %	5.5	10453
24/ 6/76	34.721	3366.26+- %	20061.40+- %	6.0	10454
2/ 7/76	32.608	2455.69+- %	14685.30+- %	6.0	10455
26/ 7/76	32.505	5146.70+- %	29111.60+- %	5.7	10456
10/ 8/76	Na	5669.10+- 0.6%	33728.28+- 0.2%	5.9	1654
31/ 8/76	35.384	8016.27+- 0.5%	48207.67+- 0.2%	6.0	1751
15/ 9/76	Na	2075.29+- 0.9%	12543.74+- 0.3%	6.0	1820
20/ 9/76	19.731	3693.08+- 0.7%	22310.67+- 0.2%	6.0	1794
29/10/76	NA	2064.86+- 0.9%	12775.54+- 0.3%	6.2	2248
25/11/76	30.735	3582.86+- 0.5%	21441.39+- 0.2%	6.0	2463
6/12/76	28.358	10123.53+- 0.4%	59730.95+- 0.2%	5.9	2464
14/12/76	30.483	3945.20+- 0.5%	23912.54+- 0.2%	6.1	2465
4/ 1/77	NA	1815.92+- 1.0%	10735.33+- 0.3%	5.9	2529
24/ 1/77	NA	4176.08+- 0.4%	27380.78+- 0.2%	6.6	2624
3/ 2/77	NA	17.91+-17.3%	210.83+- 1.6%	11.8	2765
17/ 2/77	32.139	311.87+- 1.4%	2619.16+- 0.3%	8.4	2781
21/ 2/77	30.370	1421.69+- 0.5%	10316.89+- 0.2%	7.3	2773
16/ 3/77	30.680	1144.37+- 0.5%	8071.99+- 0.2%	7.1	2908
5/ 4/77	31.834	4650.01+- 0.5%	30581.65+- 0.2%	6.6	3063
5/ 4/77	31.377	5744.40+- 0.3%	38594.70+- 0.2%	6.7	3052
20/ 4/77	31.906	5153.69+- 0.5%	37153.55+- 0.2%	7.2	3230
21/ 4/77	NA	1165.24+- 0.6%	8664.81+- 0.2%	7.4	3233
2/ 5/77	NA	1473.19+- 0.5%	10146.03+- 0.2%	6.9	3269
23/ 5/77	NA	5342.62+- 0.7%	35653.27+- 0.1%	6.7	3359
23/ 5/77	32.550	5923.96+- 0.6%	40132.05+- 0.2%	6.8	3308
13/ 6/77	25.874	4341.40+- 0.7%	30640.63+- 0.1%	7.1	4120
27/ 6/77	NA	2825.21+- 0.6%	19455.93+- 0.1%	6.9	3447

**Annex 1 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ):  
shoreline sampling, 1975-79**

Collection date	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
13/ 7/77	31.112	2510.86+- 0.7%	17623.32+- 0.1%	7.0	3443
23/ 7/77	27.484	3716.47+- 0.6%	27902.37+- 0.1%	7.5	3448
2/ 8/77	32.169	4876.78+- 0.7%	39029.08+- 0.1%	8.0	3471
19/ 8/77	NA	8273.09+- 0.7%	61826.63+- 0.1%	7.5	4111
1/ 9/77	NA	1629.96+- 0.9%	12492.90+- 0.1%	7.7	4108
12/ 9/77	NA	2395.86+- 0.9%	18991.99+- 0.1%	7.9	4109
10/10/77	30.949	2295.52+- 0.8%	18143.73+- 0.1%	7.9	4752
3/11/77	21.037	625.04+- 1.5%	5382.02+- 0.2%	8.6	4401
12/12/77	30.183	1167.13+- 1.1%	9367.96+- 0.2%	8.0	4945
6/ 1/78	NA	2332.74+- 0.9%	18814.21+- 0.1%	8.1	4981
15/ 2/78	25.785	1595.77+- 0.9%	14805.74+- 0.1%	9.3	5630
21/ 2/78	31.987	2502.94+- 0.9%	23450.82+- 0.1%	9.4	5631
8/ 3/78	7.594	242.31+- 2.9%	2330.22+- 0.3%	9.6	5657
20/ 3/78	23.810	653.79+- 0.9%	5946.46+- 0.1%	9.1	5679
3/ 4/78	27.836	1058.68+- 1.2%	9765.59+- 0.2%	9.2	5702
13/ 4/78	25.272	2729.45+- 0.9%	24231.23+- 0.1%	8.9	5703
5/ 5/78	28.152	2004.36+- 1.0%	18586.51+- 0.1%	9.3	5739
18/ 5/78	28.010	2917.08+- 0.9%	27261.23+- 0.1%	9.3	6021
1/ 6/78	23.746	1577.64+- 1.2%	15966.98+- 0.1%	10.1	6020
13/ 6/78	14.017	996.52+- 1.3%	9142.81+- 0.2%	9.2	6022
3/ 7/78	8.747	867.06+- 1.6%	9459.38+- 0.2%	10.9	6114
17/ 7/78	31.920	4389.13+- 1.3%	44620.89+- 0.2%	10.2	6126
9/ 8/78	10.073	437.52+- 2.8%	4530.39+- 0.3%	10.4	6127
30/ 8/78	14.433	1073.22+- 1.6%	11354.86+- 0.2%	10.6	6131
12/ 9/78	NA	142.04+- 9.6%	1721.24+- 0.7%	12.1	6141
28/ 9/78	30.683	1698.93+- 1.1%	17964.46+- 0.1%	10.6	7247
9/10/78	7.311	347.43+- 4.2%	4571.42+- 0.4%	13.2	7244
1/11/78	21.345	2233.28+- 1.4%	21401.10+- 0.2%	9.6	6359
23/11/78	12.605	640.25+- 1.7%	6754.65+- 0.2%	10.6	6365
8/12/78	26.347	1566.25+- 2.6%	16511.14+- 0.3%	10.5	7283
<i>Site 1 Sellafield</i>					
<i>Station 24 Drigg Barn Scar</i> 54:22:19N 3:28:18W					
17/ 2/77	32.136	300.26+- 0.9%	2541.23+- 0.2%	8.5	2779
5/ 4/77	31.685	5125.57+- 0.5%	33259.89+- 0.2%	6.5	3062
20/ 4/77	28.981	3250.19+- 0.6%	23811.31+- 0.2%	7.3	3229
23/ 5/77	32.530	5243.79+- 0.5%	37741.11+- 0.2%	7.2	3355
<i>Site 1 Sellafield</i>					
<i>Station 23 Seascale</i> 54:23:36N 3:29: 6W					
15/ 1/75	NA	5672.10+- %	23524.60+- %	4.1	10010
14/ 2/75	NA	12757.60+- %	53946.00+- %	4.2	10011
16/ 3/75	NA	16050.60+- %	67414.00+- %	4.2	10012
14/ 4/75	NA	12324.70+- %	52984.00+- %	4.3	10013
15/ 5/75	NA	11669.80+- %	51430.00+- %	4.4	10014
15/ 6/75	NA	26743.60+- %	119880.00+- %	4.5	10015
17/ 7/75	29.405	15018.30+- %	66045.00+- %	4.4	10016
15/ 8/75	31.102	19295.50+- %	87949.00+- %	4.6	10017

**Annex 1 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ):  
shoreline sampling, 1975-79**

Collection date	Salinity	$^{134}\text{Cs}$		$^{137}\text{Cs}$		Ratio	Sample no.
15/ 9/75	31.571	18485.20+-	%	87098.00+-	%	4.7	10018
15/10/75	31.116	16109.80+-	%	74333.00+-	%	4.6	10019
15/11/75	27.939	10515.40+-	%	49950.00+-	%	4.8	10020
15/12/75	29.607	7477.70+-	%	35727.20+-	%	4.8	10021
11/ 1/76	NA	4018.20+-	%	19802.40+-	%	4.9	10460
15/ 1/76	NA	8806.00+-	%	45362.00+-	%	5.2	10433
15/ 2/76	NA	8547.00+-	%	44252.00+-	%	5.2	10434
15/ 3/76	NA	4181.00+-	%	22829.00+-	%	5.5	10435
15/ 4/76	NA	9990.00+-	%	55944.00+-	%	5.6	10436
15/ 5/76	NA	4699.00+-	%	25456.00+-	%	5.4	10437
15/ 6/76	NA	10138.00+-	%	55796.00+-	%	5.5	10438
15/ 7/76	NA	6216.00+-	%	34410.00+-	%	5.5	10439
15/ 8/76	32.268	9812.14+-	0.5%	56407.61+-	0.2%	5.7	1750
15/ 9/76	32.196	11770.55+-	0.4%	69880.79+-	0.2%	5.9	1819
15/10/76	NA	5929.69+-	0.5%	35113.22+-	0.2%	5.9	2247
15/11/76	30.433	4427.12+-	0.5%	27059.43+-	0.2%	6.1	2466
15/12/76	31.041	4012.35+-	0.4%	23553.87+-	0.2%	5.9	2527
15/ 1/77	NA	7056.97+-	0.3%	43604.13+-	0.2%	6.2	2764
3/ 2/77	NA	2130.76+-	0.7%	13286.89+-	0.2%	6.2	2767
10/ 2/77	31.582	5051.46+-	0.4%	30946.21+-	0.2%	6.1	2769
17/ 2/77	25.688	1197.58+-	0.9%	8651.16+-	0.2%	7.2	2771
17/ 2/77	31.583	288.90+-	0.9%	2423.54+-	0.2%	8.4	2778
24/ 2/77	NA	3255.22+-	0.9%	23383.52+-	0.3%	7.2	2889
3/ 3/77	30.004	1070.63+-	1.7%	7927.10+-	0.4%	7.4	2890
11/ 3/77	30.723	1356.31+-	0.8%	8901.72+-	0.2%	6.6	2896
17/ 3/77	30.011	1059.20+-	0.9%	7352.42+-	0.2%	6.9	2909
24/ 3/77	NA	4503.57+-	0.8%	28777.64+-	0.2%	6.4	3050
31/ 3/77	NA	8457.76+-	0.6%	53306.27+-	0.2%	6.3	3051
5/ 4/77	31.658	3514.78+-	0.7%	23610.92+-	0.2%	6.7	3061
15/ 4/77	NA	2484.33+-	0.4%	16420.93+-	0.2%	6.6	3268
20/ 4/77	30.628	3858.66+-	0.5%	28050.55+-	0.2%	7.3	3228
15/ 5/77	31.581	10776.03+-	0.4%	76189.66+-	0.2%	7.1	3297
23/ 5/77	32.014	10893.36+-	0.4%	70645.21+-	0.2%	6.5	3358
15/ 6/77	31.406	7327.59+-	0.6%	48250.59+-	%	6.6	3444
15/ 7/77	31.591	4609.20+-	0.6%	31048.77+-	0.1%	6.7	3473
15/ 8/77	NA	7370.03+-	0.7%	54748.53+-	0.1%	7.4	4110
15/ 9/77	32.062	4660.15+-	0.7%	35272.02+-	0.1%	7.6	4249
15/10/77	31.106	3493.50+-	0.8%	26948.88+-	0.1%	7.7	4400
15/11/77	28.539	1915.79+-	0.7%	15792.41+-	0.1%	8.2	4928
15/12/77	28.862	2264.33+-	0.9%	17821.83+-	0.1%	7.9	4980
15/ 1/78	30.383	1875.20+-	0.9%	15026.63+-	0.1%	8.0	5552
15/ 2/78	28.179	1700.67+-	1.1%	14945.30+-	0.2%	8.8	5656
15/ 3/78	25.637	1145.82+-	1.1%	11144.03+-	0.1%	9.7	5701
15/ 4/78	31.621	3076.73+-	0.9%	27057.88+-	0.1%	8.8	5738
15/ 5/78	32.486	4744.21+-	0.8%	41936.91+-	0.1%	8.8	6011
15/ 6/78	NA	2929.36+-	0.9%	28209.91+-	0.1%	9.6	6113
15/ 7/78	30.439	2630.03+-	1.2%	26983.40+-	0.1%	10.3	6125
15/ 8/78	31.823	4008.80+-	1.0%	38430.42+-	0.1%	9.6	6130

**Annex I continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>):  
shoreline sampling, 1975-79**

Collection date	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
15/ 9/78	28.315	3268.40+- 1.0%	33176.01+- 0.1%	10.2	7246
15/10/78	29.328	2262.66+- 1.1%	20556.39+- 0.2%	9.1	6358
15/11/78	31.616	5338.77+- 1.2%	50280.04+- 0.2%	9.4	7282
15/12/78	34.293	4179.71+- 0.9%	39489.36+- 0.1%	9.4	7710
15/ 1/79	NA	5727.71+- 0.9%	54071.60+- 0.1%	9.4	7776
15/ 2/79	30.875	5624.60+- 0.9%	54855.30+- 0.1%	9.8	7774
15/ 3/79	32.220	2706.96+- 1.0%	29223.20+- 0.1%	10.8	8151
15/ 4/79	NA	4796.81+- 1.0%	50555.80+- 0.1%	10.5	8158
15/ 5/79	NA	1992.12+- 1.2%	22244.90+- 0.1%	11.2	8533
15/ 6/79	NA	2737.68+- 1.1%	30058.60+- 0.1%	11.0	8555
15/ 7/79	NA	3117.59+- 1.0%	33620.00+- 0.1%	10.8	8561
15/ 8/79	NA	2189.19+- 1.1%	24767.50+- 0.1%	11.3	8906
15/ 9/79	NA	3980.87+- 1.0%	43695.30+- 0.1%	11.0	8949
15/10/79	NA	3677.44+- 0.9%	38230.20+- %	10.4	9246
15/11/79	NA	1967.70+- 1.0%	22906.10+- 0.1%	11.6	9055
15/12/79	NA	1831.58+- 1.2%	23940.00+- 0.1%	13.1	9402
<i>Site 1 Sellafield</i>					
<i>Station 21 Sellafield PLZ</i> 54:24:56N 3:30:48W					
20/ 4/79	NA	2729.17+- 1.1%	28942.80+- 0.1%	10.6	8147
<i>Site 1 Sellafield</i>					
<i>Station 20 Braystones South</i> 54:26: 0N 3:32: 8W					
17/ 2/77	32.204	321.27+- 0.9%	2435.41+- 0.2%	7.6	2780
5/ 4/77	32.260	2440.30+- 0.7%	16708.13+- 0.2%	6.8	3057
20/ 4/77	27.519	3713.50+- 0.5%	26583.28+- 0.2%	7.2	3227
23/ 5/77	32.697	5659.63+- 0.6%	40621.93+- 0.2%	7.2	3360
<i>Site 1 Sellafield</i>					
<i>Station 18 Nethertown</i> 54:27:19N 3:33:57W					
11/ 1/76	NA	6149.40+- %	30118.00+- %	4.9	10458
<i>Site 1 Sellafield</i>					
<i>Station 17 St Bees</i> 54:29:20N 3:36: 9W					
16/ 1/75	NA	6722.90+- %	27561.30+- %	4.1	10022
16/ 2/75	NA	5920.00+- %	25607.70+- %	4.3	10023
16/ 3/75	NA	8040.10+- %	34099.20+- %	4.2	10024
14/ 4/75	NA	8280.60+- %	35719.80+- %	4.3	10025
15/ 5/75	NA	7307.50+- %	31916.20+- %	4.4	10026
16/ 6/75	NA	6541.60+- %	29385.40+- %	4.5	10027
17/ 7/75	29.992	10263.80+- %	46435.00+- %	4.5	10028
15/ 8/75	32.473	9560.80+- %	44437.00+- %	4.6	10029
15/ 9/75	32.496	23676.30+- %	110149.00+- %	4.7	10030
15/10/75	31.125	26366.20+- %	120472.00+- %	4.6	10031
15/11/75	31.520	14071.10+- %	67488.00+- %	4.8	10032
15/12/75	31.771	2734.30+- %	13875.00+- %	5.1	10033

**Annex 1 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>):  
shoreline sampling, 1975-79**

Collection date	Salinity	<sup>134</sup> Cs		<sup>137</sup> Cs		Ratio	Sample no.
15/ 1/76	NA	4480.70+-	%	23776.20+-	%	5.3	10549
15/ 2/76	NA	5583.30+-	%	29407.60+-	%	5.3	10550
15/ 3/76	31.398	5113.40+-	%	29107.90+-	%	5.7	10551
15/ 4/76	30.651	4758.20+-	%	26244.10+-	%	5.5	10552
15/ 5/76	31.837	5431.60+-	%	29089.40+-	%	5.4	10553
15/ 6/76	31.315	10101.00+-	%	55759.00+-	%	5.5	10554
15/ 7/76	31.807	7044.80+-	%	38961.00+-	%	5.5	10555
15/ 8/76	32.462	3836.90+-	%	22799.40+-	%	5.9	10556
15/ 9/76	32.571	8617.30+-	%	49876.00+-	%	5.8	10557
15/10/76	31.100	5161.50+-	%	30421.40+-	%	5.9	10558
15/11/76	30.798	3792.50+-	%	25167.40+-	%	6.6	10559
15/12/76	21.702	3907.20+-	%	24508.80+-	%	6.3	10560

*Site 1 Sellafield*

Station 100 St Bees-W

54:29:20N 3:36:26W

15/ 1/76	NA	4477.00+-	%	23791.00+-	%	5.3	10440
15/ 2/76	NA	5587.00+-	%	29415.00+-	%	5.3	10441
15/ 3/76	NA	5106.00+-	%	29119.00+-	%	5.7	10442
15/ 4/76	NA	4773.00+-	%	26233.00+-	%	5.5	10443
15/ 5/76	NA	5439.00+-	%	29082.00+-	%	5.3	10444
15/ 6/76	NA	10101.00+-	%	55759.00+-	%	5.5	10445
15/ 7/76	NA	7030.00+-	%	38961.00+-	%	5.5	10446
15/ 8/76	32.462	3835.27+-	0.4%	22798.92+-	0.2%	5.9	1749
15/ 9/76	32.571	8617.85+-	0.4%	49872.67+-	0.2%	5.8	1818
15/10/76	NA	5161.65+-	0.5%	30422.84+-	0.2%	5.9	2246
15/11/76	30.798	3793.17+-	0.5%	25168.47+-	0.2%	6.6	2459
15/12/76	21.702	3905.91+-	0.5%	24507.17+-	0.2%	6.3	2526
15/ 1/77	NA	5041.29+-	0.4%	33010.70+-	0.2%	6.5	2763
3/ 2/77	NA	2202.39+-	0.7%	14506.15+-	0.2%	6.6	2766
10/ 2/77	NA	2151.92+-	0.6%	13388.56+-	0.2%	6.2	2768
17/ 2/77	32.115	297.96+-	0.9%	2505.31+-	0.2%	8.4	2777
17/ 2/77	30.943	3932.47+-	0.5%	28086.63+-	0.2%	7.1	2772
24/ 2/77	NA	3406.22+-	0.8%	22464.77+-	0.3%	6.6	2891
3/ 3/77	31.822	3330.63+-	0.8%	22210.03+-	0.3%	6.7	2892
11/ 3/77	31.300	1976.87+-	0.7%	13214.29+-	0.2%	6.7	2897
18/ 3/77	30.914	1063.64+-	1.0%	6418.43+-	0.3%	6.0	2910
24/ 3/77	NA	2342.40+-	1.1%	15010.01+-	0.3%	6.4	3048
31/ 3/77	NA	1438.12+-	1.6%	10349.12+-	0.4%	7.2	3049
5/ 4/77	31.950	2745.33+-	0.8%	18389.04+-	0.2%	6.7	3060
15/ 4/77	30.900	2959.63+-	0.5%	20518.98+-	0.2%	6.9	3267
20/ 4/77	27.711	3565.95+-	0.6%	25306.52+-	0.2%	7.1	3226
15/ 5/77	NA	3982.42+-	0.4%	27324.61+-	0.2%	6.9	3296
23/ 5/77	32.701	3332.81+-	0.7%	22434.17+-	0.2%	6.7	3357
15/ 6/77	32.735	4775.29+-	0.6%	33698.42+-	%	7.1	3446
15/ 7/77	32.427	3255.74+-	0.6%	22863.48+-	0.1%	7.0	3472
15/ 8/77	NA	2841.12+-	0.8%	21506.03+-	0.1%	7.6	4113
15/ 9/77	32.197	2695.67+-	0.8%	19807.17+-	0.1%	7.3	4751
15/10/77	30.294	3844.78+-	0.8%	28689.10+-	0.1%	7.5	4399
15/11/77	31.271	2084.36+-	0.7%	16294.25+-	0.1%	7.8	4927

**Annex 1 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>):  
shoreline sampling, 1975-79**

Collection date	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
15/12/77	31.990	3219.00+- 0.8%	24455.71+- 0.1%	7.6	4979
15/ 1/78	30.334	1584.49+- 1.0%	12820.46+- 0.1%	8.1	5551
15/ 2/78	31.246	1732.34+- 1.1%	15391.63+- 0.2%	8.9	5655
15/ 3/78	30.189	2863.43+- 0.9%	25784.45+- 0.1%	9.0	5700
15/ 4/78	31.528	2161.17+- 1.0%	19890.83+- 0.1%	9.2	5737
15/ 5/78	32.036	3110.81+- 0.9%	28126.88+- 0.1%	9.0	6010
15/ 6/78	32.471	778.41+- 1.2%	9240.53+- 0.1%	11.9	6112
15/ 7/78	33.024	2048.58+- 1.2%	20915.25+- 0.1%	10.2	6122
15/ 8/78	32.000	2422.69+- 1.1%	25130.70+- 0.1%	10.4	6129
15/ 9/78	31.688	1309.21+- 1.2%	13722.78+- 0.1%	10.5	7245
15/10/78	32.002	2161.54+- 1.1%	20332.05+- 0.2%	9.4	6357
15/11/78	32.148	10435.52+- 1.0%	93627.02+- 0.1%	9.0	7281
15/12/78	31.167	4193.02+- 0.9%	41678.28+- 0.1%	9.9	7709
15/ 1/79	NA	1719.23+- 1.1%	18155.90+- 0.1%	10.6	7775
15/ 2/79	NA	2818.49+- 1.0%	27692.20+- 0.1%	9.8	7773
15/ 3/79	32.065	1779.98+- 1.1%	18557.80+- 0.1%	10.4	8152
15/ 4/79	NA	2570.57+- 1.2%	28847.50+- 0.1%	11.2	8157
20/ 4/79	NA	1376.04+- 1.6%	15643.70+- 0.2%	11.4	8148
15/ 5/79	NA	2474.21+- 1.2%	28782.70+- 0.1%	11.6	8532
15/ 6/79	NA	2250.36+- 1.1%	24828.90+- 0.1%	11.0	8554
15/ 7/79	NA	1205.29+- 1.3%	14345.80+- 0.1%	11.9	8560
15/ 8/79	NA	1988.77+- 1.1%	23149.60+- 0.1%	11.6	8905
15/ 9/79	NA	1789.19+- 1.1%	20896.90+- 0.1%	11.7	8948
15/10/79	NA	4371.48+- 0.9%	43850.60+- %	10.0	9245
15/11/79	NA	2155.29+- 1.0%	24200.50+- 0.1%	11.2	9054
15/12/79	NA	1213.28+- 1.3%	15909.60+- 0.1%	13.1	9401
<i>Site 1 Sellafield</i>					
<i>Station 39 W/A Shore</i>					
54:33:1N 3:35:56W					
11/ 1/76	NA	4776.70+- %	23546.80+- %	4.9	10457
17/ 2/77	32.153	311.10+- 0.9%	2536.05+- 0.2%	8.2	2776
5/ 4/77	31.205	1793.50+- 0.8%	12429.34+- 0.2%	6.9	3059
20/ 4/77	32.050	1970.51+- 0.8%	14996.69+- 0.2%	7.6	3225
23/ 5/77	32.370	990.38+- 1.1%	8197.65+- 0.3%	8.3	3356
14/10/78	32.697	4107.48+- 0.9%	38843.34+- 0.1%	9.5	6352
20/ 4/79	NA	791.90+- 1.7%	8381.61+- 0.2%	10.6	8149
23/10/79	NA	1202.18+- 1.2%	14444.00+- 0.1%	12.0	8944
21/11/79	NA	632.33+- 1.7%	8161.51+- 0.2%	12.9	9025
16/12/79	NA	820.16+- 1.9%	11235.00+- 0.1%	13.7	9417
<i>Site 1 Sellafield</i>					
<i>Station 50 Workington Shore</i>					
54:39:56N 3:33:41W					
19/ 3/79	28.279	80.65+- 7.0%	965.85+- 0.5%	12.0	7786
20/ 4/79	NA	539.67+- 2.8%	6567.25+- 0.3%	12.2	8150

**Annex 1 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ):  
shoreline sampling, 1975-79**

Collection date	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
20/ 9/79	NA	97.96+- 8.1%	1329.24+- 0.6%	13.6	8907
<i>Site 1 Sellafield</i>					
<i>Station 15 Maryport Shore</i>					
			54:44:30N 3:27:26W		
17/ 2/77	32.203	310.39+- 0.9%	2565.51+- 0.2%	8.3	2775
5/ 4/77	27.660	1453.84+- 0.9%	10143.44+- 0.2%	7.0	3058
20/ 4/77	29.863	1292.52+- 1.1%	10533.12+- 0.2%	8.1	3224
23/ 5/77	30.872	1318.09+- 0.7%	10379.76+- 0.2%	7.9	3361
23/10/79	NA	738.03+- 1.7%	9248.03+- 0.2%	12.5	8945
21/11/79	NA	612.76+- 1.7%	7300.08+- 0.2%	11.9	9027
18/12/79	NA	612.38+- 2.2%	8743.99+- 0.1%	14.3	9418
<i>Site 1 Sellafield</i>					
<i>Station 53 Silloth</i>					
			54:53:01N 3:22:41W		
30/ 9/79	NA	462.82+- 1.8%	6132.46+- 0.1%	13.3	8913
23/10/79	NA	461.17+- 1.7%	6093.38+- 0.1%	13.2	8946
21/11/79	NA	318.12+- 2.7%	4485.55+- 0.2%	14.1	9028
18/12/79	NA	402.33+- 2.9%	5823.51+- 0.2%	14.5	9419
<i>Site 1 Sellafield</i>					
<i>Station 54 Southerness</i>					
			54:52:22N 3:35:40W		
29/ 9/79	NA	451.39+- 1.8%	5790.63+- 0.1%	12.8	8912
23/10/79	NA	348.19+- 2.1%	4992.52+- 0.2%	14.3	8947
21/11/79	NA	466.27+- 1.8%	6081.50+- 0.2%	13.0	9031
18/12/79	NA	592.98+- 2.3%	8479.43+- 0.1%	14.3	9420
<i>Site 1 Sellafield</i>					
<i>Station 55 Abbey Burnfoot</i>					
			54:46:43N 3:57:22W		
29/ 9/79	NA	306.40+- 2.4%	4207.45+- 0.2%	13.7	8911
23/10/79	NA	611.32+- 1.5%	7718.69+- 0.1%	12.6	9014
22/11/79	NA	435.74+- 2.0%	5968.76+- 0.2%	13.7	9033
18/12/79	NA	428.02+- 2.4%	6021.58+- 0.2%	14.1	9421
<i>Site 1 Sellafield</i>					
<i>Station 4 Isle Of Whithorn</i>					
			54:41:59N 4:21:32W		
29/ 9/79	NA	240.15+- 2.9%	3174.62+- 0.2%	13.2	8910
23/10/79	NA	271.58+- 2.5%	3733.67+- 0.2%	13.7	9015
22/11/79	NA	162.65+- 4.2%	2535.14+- 0.3%	15.6	9035
19/12/79	NA	381.42+- 2.6%	5123.95+- 0.2%	13.4	9422
<i>Site 1 Sellafield</i>					
<i>Station 56 Portpatrick</i>					
			54:50:23N 5: 7: 5W		
29/ 9/79	NA	156.29+- 4.1%	1886.89+- 0.3%	12.1	8909
29/ 9/79	NA	75.11+- 8.1%	1312.29+- 0.4%	17.5	8908

**Annex 1 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>):  
shoreline sampling, 1975-79**

Collection date	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
24/10/79	NA	115.15+- 5.2%	1913.50+- 0.3%	16.6	9017
24/10/79	NA	151.00+- 4.0%	2215.36+- 0.3%	14.7	9016
22/11/79	NA	100.12+- 6.5%	1616.12+- 0.4%	16.1	9038
22/11/79	NA	208.03+- 3.3%	2563.32+- 0.3%	12.3	9037
19/12/79	NA	228.79+- 2.9%	3629.02+- 0.2%	15.9	9423
19/12/79	NA	171.59+- 3.6%	2605.29+- 0.2%	15.2	9424
<i>Site 10 Hunterston</i>					
<i>Station 6 Fish Farm 1</i>					
			55:43:25N 4:53:42W		
13/ 3/75	NA	451.40+- %	2292.52+- %	5.1	10006
19/ 5/75	NA	625.30+- %	2971.84+- %	4.8	10007
6/ 8/75	32.304	421.43+- %	2073.48+- %	4.9	10008
22/11/75	32.977	480.63+- %	2360.97+- %	4.9	10009
22/10/76	NA	280.31+- 1.0%	1861.17+- 0.2%	6.6	1999
19/ 2/77	32.415	307.84+- 1.1%	2432.79+- 0.2%	7.9	2774
15/ 3/77	33.395	222.81+- 1.4%	1651.61+- 0.3%	7.4	3304
15/ 4/77	31.228	657.86+- 0.6%	4818.73+- 0.2%	7.3	3305
30/ 6/77	32.892	330.34+- 1.5%	2564.51+- 0.2%	7.8	3445
8/ 9/77	28.867	361.90+- 1.3%	2537.05+- 0.2%	7.0	4112
9/12/77	32.487	248.05+- 1.7%	2229.99+- 0.2%	9.0	4944
1/ 3/78	32.002	148.96+- 3.3%	1595.92+- 0.3%	10.7	5658
25/ 5/78	33.077	187.37+- 2.0%	1865.50+- 0.2%	10.0	6012
29/ 8/78	33.138	191.22+- 2.9%	2191.58+- 0.3%	11.5	6128
5/12/78	32.204	84.55+- 5.8%	1425.13+- 0.4%	16.9	7280
6/ 3/79	31.456	165.13+- 2.2%	1959.96+- 0.2%	11.9	7785
16/ 6/79	NA	107.55+- 3.3%	1718.95+- 0.2%	16.0	8537
7/ 8/79	NA	107.47+- 5.3%	1632.02+- 0.3%	15.2	9056
29/11/79	NA	80.36+- 4.8%	1276.49+- 0.3%	15.9	9089
<i>Site 15 Dounreay</i>					
<i>Station 120 Tongue</i>					
			58:31:47N 4:25:37W		
27/ 7/77	31.673	99.90+- 1.6%	767.68+- 0.2%	7.7	3485
<i>Site 15 Dounreay</i>					
<i>Station 113 Strathy Point</i>					
			58:34:58N 4: 0:39W		
19/ 7/76	NA	27.45+-10.9%	238.32+- 1.3%	8.7	1422
28/ 7/77	33.933	116.85+- 1.6%	881.27+- 0.2%	7.5	3488

**Annex 1 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ):  
shoreline sampling, 1975-79**

Collection date	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
<i>Site 15 Dounreay</i>					
<i>Station 116 Melvich</i>					
			58:33:52N 3:55:13W		
19/ 7/76	NA	36.56+- 8.2%	247.35+- 1.2%	6.8	1420
18/ 4/78	NA	45.14+- 4.8%	396.42+- 0.5%	8.8	5729
<i>Site 15 Dounreay</i>					
<i>Station 128 Sandside Bay West</i>					
			58:34:11N 3:47:36W		
18/ 4/78	NA	47.14+- 4.6%	462.80+- 0.4%	9.8	5730
<i>Site 15 Dounreay</i>					
<i>Station 110 Sandside Bay</i>					
			58:34:12N 3:47:30W		
15/ 7/76	NA	41.55+- 7.3%	238.76+- 1.3%	5.7	1415
<i>Site 15 Dounreay</i>					
<i>Station 107 Pumphouse</i>					
			58:34:53N 3:44:51W		
19/ 7/76	NA	40.29+- 7.4%	272.17+- 1.1%	6.8	1421
<i>Site 15 Dounreay</i>					
<i>Station 121 Dounreay North</i>					
			58:35:19N 3:44: 3W		
19/ 4/78	NA	54.80+- 4.0%	458.28+- 0.5%	8.4	5732
<i>Site 15 Dounreay</i>					
<i>Station 105 Oigins Geo</i>					
			58:35:29N 3:43:51W		
19/ 4/78	NA	50.54+- 4.3%	505.27+- 0.4%	10.0	5731
<i>Site 15 Dounreay</i>					
<i>Station 122 Crosskirk</i>					
			58:36:30N 3:40:23W		
15/ 7/76	NA	42.18+- 7.1%	260.52+- 1.2%	6.2	1416
<i>Site 15 Dounreay</i>					
<i>Station 118 Forss</i>					
			58:36:27N 3:40:11W		
21/10/76	NA	ND	12.47+-15.6%		2169
<i>Site 15 Dounreay</i>					
<i>Station 103 Brims Ness</i>					
			58:37: 7N 3:38:52W		
16/ 7/76	NA	29.93+-10.0%	225.18+- 1.3%	7.5	1418
18/ 4/78	NA	49.73+- 4.4%	437.97+- 0.5%	8.8	5728

**Annex 1 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ):  
shoreline sampling, 1975-79**

Collection date	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
<i>Site 15 Dounreay</i>					
<i>Station 115 Scrabster</i>					
			58:36:45N 3:32:45W		
16/ 7/76	NA	27.75+-10.7%	216.89+- 1.4%	7.8	1419
18/ 4/78	NA	41.70+- 5.1%	385.65+- 0.5%	9.2	5727
<i>Site 15 Dounreay</i>					
<i>Station 117 Dunnet Bay</i>					
			58:35:51N 3:22:36W		
15/ 7/76	NA	26.23+-11.4%	169.61+- 1.7%	6.5	1417
<i>Site 15 Dounreay</i>					
<i>Station 100 Dunnet Head</i>					
			58:40:23N 3:22:28W		
28/ 7/77	34.021	88.91+- 1.8%	724.46+- 0.2%	8.1	3492

**ANNEX 2. CONCENTRATIONS OF  $^{134}\text{Cs}$  AND  $^{137}\text{Cs}$  IN FILTERED SEA WATER ( $\text{Bq m}^{-3}$ ):  
ROUTINE OFFSHORE SAMPLING, 1975-79**

**Annex 2. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
<i>Site 37 File C</i>							
<i>Station 11 JONSIS 1</i> 54:14: 0N 0: 2: 0E							
2/12/77		3	34.438	22.35+- 7.7%	236.39+- 0.6%	10.6	4967
25/ 2/78		3	34.368	37.70+- 4.2%	353.83+- 0.4%	9.4	5645
9/ 5/78		3	34.081	47.58+- 3.8%	510.97+- 0.3%	10.7	6161
8/ 8/78		3	34.248	41.03+- 6.5%	442.71+- 0.5%	10.8	6304
19/ 8/78		3	NA	ND	20.42+- 2.0%		6124
26/ 8/78		3	NA	ND	21.13+- 2.0%		6305
17/ 9/78		3	34.256	34.15+- 7.5%	381.84+- 0.6%	11.2	6302
15/11/78		3	NA	29.56+- 2.9%	315.50+- 0.2%	10.7	7743
13/12/78		3	34.420	16.98+- 9.2%	303.96+- 0.5%	17.9	7707
1/ 3/79		3	33.311	23.38+- 7.1%	291.07+- 0.5%	12.5	8120
16/ 5/79		3	NA	24.63+- 6.2%	266.73+- 0.5%	10.8	8194
29/ 7/79		3	NA	9.20+-17.2%	286.45+- 0.5%	31.1	8563
31/ 8/79		3	NA	6.02+-24.8%	246.06+- 0.5%	40.8	8896
10/11/79		3	NA	43.98+- 3.7%	275.61+- 0.5%	6.3	9047
<i>Site 37 File C</i>							
<i>Station 12 JONSIS 2</i> 54:23: 0N 1: 6: 0E							
2/12/77		3	34.863	10.14+-19.5%	150.74+- 1.0%	14.9	4968
25/ 2/78		3	34.804	24.35+- 6.6%	264.48+- 0.5%	10.9	5646
9/ 5/78		3	34.633	41.11+- 4.1%	430.79+- 0.3%	10.5	6162
3/ 8/78		3	NA	ND	23.75+- 2.4%		6123
9/ 8/78		3	34.342	47.32+- 3.6%	477.93+- 0.3%	10.1	6301
17/ 9/78		3	34.635	24.46+- 6.7%	304.58+- 0.5%	12.5	6303
15/11/78		3	NA	21.87+- 3.9%	300.88+- 0.3%	13.8	7744
13/12/78		3	34.717	21.05+- 7.4%	325.93+- 0.4%	15.5	7708
1/ 3/79		3	34.273	21.16+- 7.5%	265.10+- 0.5%	12.5	8121
16/ 5/79		3	NA	19.60+- 7.7%	312.04+- 0.4%	15.9	8195
29/ 7/79		3	NA	11.04+-14.3%	299.96+- 0.4%	27.2	8564
31/ 8/79		3	NA	7.33+-20.9%	270.80+- 0.5%	37.0	8897
10/11/79		3	NA	22.06+- 7.2%	304.66+- 0.4%	13.8	9048
<i>Site 16 U.K. Survey</i>							
<i>Station 67 Lowestoft (Boat)</i> 52:29: 0N 1:46: 0E							
9/ 1/79		1	NA	18.23+- 6.5%	304.74+- 0.4%	16.7	7706
13/ 2/79		1	32.394	21.95+- 3.5%	270.99+- 0.3%	12.3	7757
12/ 3/79		1	33.295	19.98+- 3.9%	284.17+- 0.3%	14.2	7777
5/ 4/79		1	32.450	17.45+- 4.9%	255.94+- 0.3%	14.7	7796
8/ 5/79		1	NA	12.79+- 7.3%	251.30+- 0.4%	19.7	8160
6/ 6/79		1	NA	19.30+- 4.0%	250.35+- 0.3%	13.0	8170
5/ 7/79		1	NA	17.35+- 4.3%	235.40+- 0.3%	13.6	8189
7/ 8/79		1	NA	16.47+- 4.8%	240.41+- 0.3%	14.6	8559
3/ 9/79		1	NA	13.07+- 6.1%	230.41+- 0.3%	17.6	8577

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
5/10/79		1	NA	12.74+- 6.4%	240.49+- 0.3%	18.9	9018
8/11/79		1	NA	17.99+- 4.4%	209.77+- 0.3%	11.7	9021
6/12/79		1	NA	11.58+- 6.5%	189.50+- 0.4%	16.4	9042

Site 37 File C

Station 13 Felixstowe-Europort 51:51: 0N 1:35: 0E

29/ 4/75		3	28.634	ND	39.22+- %		10342
5/ 5/75		3	34.455	ND	32.01+- %		10347
12/ 5/75		3	32.146	ND	55.13+- %		10348
19/ 5/75		3	27.192	ND	32.52+- %		10353
26/ 5/75		3	33.873	ND	52.91+- %		10361
2/ 6/75		3	NA	ND	36.67+- %		10366
20/ 6/75		3	33.880	ND	49.21+- %		10367
3/ 7/75		3	30.719	ND	55.50+- %		10372
19/ 7/75		3	30.091	ND	62.53+- %		10377
28/ 7/75		3	30.111	ND	46.25+- %		10386
4/ 8/75		3	NA	ND	46.62+- %		10387
16/ 8/75		3	31.551	ND	45.14+- %		10392
28/ 8/75		3	31.085	ND	52.54+- %		10397
12/ 9/75		3	NA	ND	43.66+- %		10402
22/ 9/75		3	26.192	ND	34.85+- %		10407
29/ 9/75		3	34.269	ND	39.96+- %		10437
10/10/75		3	34.532	ND	44.77+- %		10412
24/10/75		3	33.437	ND	43.66+- %		10417
6/11/75		3	32.868	NA	NA		10422
20/11/75		3	31.047	ND	42.18+- %		10427
1/12/75		3	34.218	ND	51.06+- %		10432
19/12/75		3	30.264	ND	50.32+- %		10442

Site 37 File C

Station 14 Felixstowe-Europort 51:52: 0N 2: 5: 0E

29/ 4/75		3	32.652	ND	48.10+- %		10341
5/ 5/75		3	33.561	ND	43.29+- %		10346
12/ 5/75		3	32.221	ND	41.07+- %		10349
19/ 5/75		3	31.302	ND	56.98+- %		10354
26/ 5/75		3	34.289	ND	52.54+- %		10360
2/ 6/75		3	32.135	ND	45.14+- %		10365
20/ 6/75		3	34.262	ND	49.95+- %		10368
3/ 7/75		3	NA	ND	55.87+- %		10373
19/ 7/75		3	29.390	ND	60.68+- %		10378
28/ 7/75		3	30.548	15.17+- %	88.06+- %	5.8	10385
4/ 8/75		3	33.326	ND	60.68+- %		10388
16/ 8/75		3	30.077	ND	43.66+- %		10393
28/ 8/75		3	31.330	ND	49.95+- %		10398
12/ 9/75		3	NA	ND	38.85+- %		10403
22/ 9/75		3	25.645	ND	39.96+- %		10408
29/ 9/75		3	34.771	ND	41.07+- %		10438
10/10/75		3	33.926	ND	46.99+- %		10413

**Annex 2 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
24/10/75		3	32.772	ND	38.11+-	%	10418
6/11/75		3	34.062	NA	NA		10423
20/11/75		3	31.175	ND	45.51+-	%	10428
5/12/75		3	34.516	ND	52.54+-	%	10433
19/12/75		3	30.008	ND	63.64+-	%	10443

Site 37 File C

Station 15 Felixstowe-Europort 51:53: 0N 2:38: 0E

29/ 4/75		3	33.568	ND	58.46+-	%	10340
5/ 5/75		3	33.584	ND	55.13+-	%	10345
12/ 5/75		3	32.550	ND	40.70+-	%	10350
19/ 5/75		3	30.156	ND	37.00+-	%	10355
26/ 5/75		3	33.545	ND	56.98+-	%	10359
2/ 6/75		3	32.442	ND	41.07+-	%	10364
20/ 6/75		3	32.735	ND	54.39+-	%	10369
3/ 7/75		3	31.036	ND	57.72+-	%	10374
19/ 7/75		3	29.054	ND	58.46+-	%	10379
28/ 7/75		3	31.610	12.17+-	91.39+-	% 7.5	10384
4/ 8/75		3	32.822	ND	56.61+-	%	10389
16/ 8/75		3	27.999	ND	48.10+-	%	10394
28/ 8/75		3	31.313	ND	49.21+-	%	10399
12/ 9/75		3	32.277	ND	53.65+-	%	10404
22/ 9/75		3	25.532	ND	27.16+-	%	10409
29/ 9/75		3	33.917	ND	38.11+-	%	10439
10/10/75		3	32.641	ND	38.48+-	%	10414
24/10/75		3	31.710	ND	38.85+-	%	10419
6/11/75		3	34.047	ND	37.37+-	%	10424
20/11/75		3	30.543	ND	41.07+-	%	10429
5/12/75		3	33.931	ND	47.73+-	%	10434
19/12/75		3	30.220	ND	46.25+-	%	10444

Site 37 File C

Station 16 Felixstowe-Europort 51:54: 0N 3:10: 0E

29/ 4/75		3	34.269	ND	47.36+-	%	10339
5/ 5/75		3	33.579	ND	51.43+-	%	10344
12/ 5/75		3	33.874	ND	44.77+-	%	10351
19/ 5/75		3	29.972	ND	42.18+-	%	10356
26/ 5/75		3	30.111	ND	39.22+-	%	10358
2/ 6/75		3	32.699	ND	46.25+-	%	10363
20/ 6/75		3	32.011	ND	58.83+-	%	10370
3/ 7/75		3	NA	ND	52.91+-	%	10375
19/ 7/75		3	28.246	ND	53.65+-	%	10380
28/ 7/75		3	32.117	ND	66.23+-	%	10383
4/ 8/75		3	31.730	ND	63.64+-	%	10390
16/ 8/75		3	26.965	ND	48.10+-	%	10395
28/ 8/75		3	30.982	ND	53.28+-	%	10400
12/ 9/75		3	28.199	ND	49.21+-	%	10405
22/ 9/75		3	25.532	ND	29.90+-	%	10410

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
29/ 9/75		3	32.960	ND	41.07+-	%	10440
10/10/75		3	31.153	ND	38.11+-	%	10415
24/10/75		3	29.854	ND	38.48+-	%	10420
6/11/75		3	34.002	ND	45.88+-	%	10425
20/11/75		3	30.264	ND	35.78+-	%	10430
5/12/75		3	34.148	ND	49.21+-	%	10435
19/12/75		3	29.165	ND	38.48+-	%	10445

Site 37 File C

Station 17 Felixstowe-Europort

51:55: 0N 3:40: 0E

29/ 4/75		3	34.387	ND	35.74+-	%	10338
5/ 5/75		3	33.619	ND	54.39+-	%	10343
12/ 5/75		3	34.585	ND	28.27+-	%	10352
19/ 5/75		3	29.286	ND	37.37+-	%	10357
2/ 6/75		3	33.868	ND	39.59+-	%	10362
20/ 6/75		3	NA	ND	36.74+-	%	10371
3/ 7/75		3	26.641	ND	51.43+-	%	10376
19/ 7/75		3	26.847	ND	53.28+-	%	10381
28/ 7/75		3	34.195	17.13+-	% 109.89+-	% 6.4	10382
4/ 8/75		3	25.194	11.32+-	% 87.69+-	% 7.7	10391
16/ 8/75		3	25.771	ND	45.88+-	%	10396
28/ 8/75		3	26.917	ND	46.62+-	%	10401
12/ 9/75		3	28.905	ND	53.28+-	%	10406
22/ 9/75		3	26.163	ND	33.82+-	%	10411
29/ 9/75		3	31.794	ND	41.81+-	%	10441
10/10/75		3	28.147	ND	38.48+-	%	10416
24/10/75		3	30.054	ND	38.48+-	%	10421
6/11/75		3	30.686	ND	36.63+-	%	10426
20/11/75		3	20.262	ND	26.20+-	%	10431
5/12/75		3	25.268	ND	34.00+-	%	10436
19/12/75		3	23.864	ND	33.04+-	%	10446

Site 37 File C

Station 18 Southampton-Le Havre

59:57: 0N 0:45: 0W

6/ 1/75		3	NA	22.90+-	% 80.66+-	% 3.5	10319
14/ 1/75		3	NA	25.20+-	% 95.09+-	% 3.8	10320
20/ 1/75		3	NA	ND	42.55+-	%	10321
27/ 1/75		3	NA	ND	36.41+-	%	10322
6/ 2/75		3	NA	ND	55.13+-	%	10323
12/ 2/75		3	NA	ND	44.40+-	%	10324
19/ 2/75		3	NA	ND	37.37+-	%	10325
24/ 2/75		3	NA	ND	46.62+-	%	10326
3/ 3/75		3	NA	ND	40.33+-	%	10327
10/ 3/75		3	NA	ND	50.32+-	%	10328
17/ 3/75		3	NA	ND	39.22+-	%	10329
24/ 3/75		3	NA	ND	28.12+-	%	10330
31/ 3/75		3	NA	ND	39.59+-	%	10331

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
7/ 4/75		3	NA	ND	38.48+-	%	10332
14/ 4/75		3	NA	ND	36.48+-	%	10333
<i>Site 22 Channel Islands</i>							
<i>Station 218 Jersey, Ecrehos</i>							
				49:17:15N	2: 0: 0W		
6/ 4/79		3	NA	ND	22.04+-	1.9%	8122
3/ 7/79		3	NA	ND	17.54+-	2.4%	8557
15/10/79		3	NA	ND	15.56+-	2.7%	9009
<i>Site 37 File C</i>							
<i>Station 6 Swansea-Cork St A</i>							
				51:30: 0N	4:30: 0W		
15/ 1/75		3	NA	ND	9.10+-	%	10074
15/ 2/75		3	NA	ND	13.91+-	%	10079
15/ 3/75		3	29.029	ND	25.31+-	%	10084
15/ 4/75		3	30.606	ND	21.68+-	%	10089
15/ 5/75		3	31.336	ND	32.93+-	%	10054
15/ 6/75		3	31.433	ND	67.71+-	%	10059
15/ 7/75		3	32.657	ND	54.02+-	%	10064
15/ 8/75		3	31.958	ND	75.48+-	%	10069
15/ 9/75		3	31.654	ND	42.92+-	%	10044
15/10/75		3	31.190	ND	61.42+-	%	10049
15/11/75		3	31.420	ND	33.85+-	%	10034
15/12/75		3	34.317	ND	44.03+-	%	10039
15/ 1/76		3	31.932	ND	32.38+-	%	10503
15/ 2/76		3	32.639	ND	46.99+-	%	10508
15/ 5/76		3	32.590	21.13+-	139.86+-	%	6.6 10513
15/ 7/76		3	NA	20.42+-	148.78+-	4.7% 0.6%	7.3 2179
15/ 8/76		3	NA	16.84+-	120.29+-	5.1% 0.7%	7.1 2184
15/ 9/76		3	NA	15.95+-	143.52+-	7.2% 0.8%	9.0 2189
15/10/76		3	NA	8.92+-	97.01+-	16.0% 1.5%	10.9 2194
15/11/76		3	NA	ND	78.74+-	0.9%	2628
15/12/76		3	NA	ND	62.64+-	0.9%	2633
15/ 1/77		3	30.655	ND	70.37+-	0.8%	3200
15/ 2/77		3	17.312	ND	53.87+-	1.0%	3205
15/ 3/77		3	27.314	ND	53.84+-	1.0%	3210
16/ 4/77		3	30.675	ND	40.22+-	2.0%	4005
15/ 5/77		3	31.715	ND	33.45+-	1.2%	3498
20/ 7/77		3	31.614	ND	34.11+-	1.2%	4983
3/ 8/77		3	32.162	ND	33.89+-	1.3%	5501
7/ 9/77		3	33.278	ND	31.97+-	1.3%	5506
29/11/77		3	25.693	ND	22.50+-	1.9%	5513
15/12/77		3	29.631	ND	25.79+-	1.7%	5518
15/ 1/78		3	29.349	ND	23.49+-	1.7%	5681
20/ 2/78		3	31.264	ND	34.71+-	1.2%	6033
12/ 3/78		3	33.575	ND	24.12+-	1.7%	5686

**Annex 2 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
15/ 4/78		3	26.008	ND	29.19+- 1.3%		6052
8/ 6/78		3	31.524	ND	36.19+- 1.2%		6118
5/ 7/78		3	33.328	ND	26.64+- 1.6%		6133
16/ 8/78		3	32.028	ND	26.75+- 1.5%		6198
17/ 9/78		3	31.188	ND	31.04+- 1.4%		7233
15/10/78		3	30.760	ND	27.23+- 2.9%		7295
15/11/78		3	32.417	ND	36.19+- 1.2%		7701
21/12/78		3	34.437	ND	31.15+- 1.3%		7758
15/ 1/79		3	27.434	ND	27.95+- 1.5%		7763
4/ 3/79		3	29.315	ND	36.79+- 1.1%		8101

Site 37 File C

Station 7 Swansea-Cork St B

51:39: 0N 5:17: 0W

15/ 1/75		3	NA	ND	9.95+- %		10075
15/ 2/75		3	31.932	ND	61.42+- %		10080
15/ 3/75		3	29.417	ND	24.64+- %		10085
15/ 4/75		3	30.427	ND	20.39+- %		10090
15/ 5/75		3	32.437	ND	55.13+- %		10055
15/ 6/75		3	32.200	ND	48.47+- %		10060
15/ 7/75		3	34.144	ND	47.73+- %		10065
15/ 8/75		3	34.135	ND	30.23+- %		10070
15/ 9/75		3	31.340	ND	34.63+- %		10045
15/10/75		3	32.881	ND	33.00+- %		10050
15/11/75		3	30.022	ND	33.26+- %		10035
15/12/75		3	32.057	ND	42.92+- %		10040
15/ 1/76		3	34.489	19.46+- %	122.84+- %	6.3	10504
15/ 2/76		3	34.238	30.19+- %	206.46+- %	6.8	10509
15/ 5/76		3	32.440	19.35+- %	133.94+- %	6.9	10514
15/ 7/76		3	NA	20.76+- 9.4%	117.10+- 1.5%	5.6	2180
15/ 8/76		3	NA	25.38+- 3.4%	157.66+- 0.6%	6.2	2185
15/ 9/76		3	NA	18.39+- 5.0%	130.31+- 0.7%	7.1	2190
15/10/76		3	NA	18.35+- 8.4%	131.68+- 1.2%	7.2	2195
15/11/76		3	NA	ND	76.15+- 0.9%		2629
15/12/76		3	NA	ND	65.56+- 0.8%		2634
15/ 1/77		3	30.718	ND	69.49+- 1.3%		3201
15/ 2/77		3	29.516	ND	65.71+- 0.8%		3206
15/ 3/77		3	27.746	ND	54.91+- 1.4%		3211
16/ 4/77		3	31.113	ND	36.19+- 2.2%		4006
15/ 5/77		3	32.790	ND	31.97+- 1.3%		3499
20/ 7/77		3	34.315	ND	35.19+- 1.2%		4984
3/ 8/77		3	33.628	ND	32.01+- 1.3%		5502
7/ 9/77		3	34.570	ND	23.13+- 1.8%		5507
29/11/77		3	27.313	ND	21.90+- 2.3%		5514
15/12/77		3	30.199	ND	26.05+- 1.6%		5519
15/ 1/78		3	25.311	ND	22.53+- 1.9%		5682

**Annex 2 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
20/ 2/78		3	33.919	ND	60.27+- 1.2%		6034
12/ 3/78		3	34.364	ND	25.68+- 1.6%		5687
15/ 4/78		3	29.192	ND	32.04+- 1.2%		6053
8/ 6/78		3	33.255	ND	27.75+- 1.5%		6119
6/ 7/78		3	34.482	ND	19.17+- 2.1%		6134
16/ 8/78		3	33.091	ND	26.27+- 1.6%		6199
18/ 9/78		3	34.681	ND	22.87+- 1.8%		7234
15/10/78		3	33.673	ND	26.42+- 1.6%		7296
15/11/78		3	32.252	ND	35.30+- 1.2%		7702
22/12/78		3	34.670	ND	32.52+- 1.3%		7759
15/ 1/79		3	32.373	ND	32.46+- 1.3%		7764
4/ 3/79		3	27.296	ND	33.71+- 1.2%		8102
15/ 7/79		3	NA	ND	29.13+- 1.3%		9409
25/ 8/79		3	NA	ND	26.20+- 1.5%		8892
15/ 9/79		3	NA	ND	30.31+- 2.0%		9452
16/10/79		3	NA	ND	28.54+- 1.3%		9446
Site 37 File C							
Station 8 Swansea-Cork St C 51:39: 0N 6: 0: 0W							
15/ 1/75		3	21.962	ND	8.40+- %		10076
15/ 2/75		3	23.450	ND	39.96+- %		10081
15/ 3/75		3	30.682	ND	21.57+- %		10086
15/ 4/75		3	32.608	ND	44.03+- %		10091
15/ 5/75		3	33.203	ND	71.78+- %		10056
15/ 6/75		3	32.700	ND	52.17+- %		10061
15/ 7/75		3	33.623	ND	32.01+- %		10066
15/ 8/75		3	34.154	ND	59.94+- %		10071
15/ 9/75		3	33.975	ND	24.46+- %		10046
15/10/75		3	33.855	ND	31.75+- %		10051
15/11/75		3	32.111	ND	37.37+- %		10036
15/12/75		3	33.241	ND	46.25+- %		10041
15/ 1/76		3	34.939	ND	65.12+- %		10505
15/ 2/76		3	34.821	21.09+- %	128.02+- %	6.1	10510
15/ 5/76		3	32.971	28.49+- %	219.41+- %	7.7	10515
15/ 7/76		3	NA	26.01+- 4.9%	153.44+- 0.8%	5.9	2181
15/ 8/76		3	NA	14.80+- 5.8%	118.88+- 0.7%	8.0	2186
15/ 9/76		3	NA	21.27+- 3.8%	137.79+- 0.6%	6.5	2191
15/10/76		3	NA	ND	40.07+- 1.7%		2196
15/11/76		3	NA	13.95+- 7.4%	112.00+- 1.0%	8.0	2630
15/12/76		3	NA	7.21+-15.9%	84.95+- 1.4%	11.8	2635
15/ 1/77		3	31.237	ND	71.00+- 0.8%		3202
15/ 2/77		3	18.728	ND	54.24+- 1.4%		3207
15/ 3/77		3	32.345	ND	46.84+- 1.6%		3212
17/ 4/77		3	34.243	ND	22.94+- 3.5%		4007
15/ 5/77		3	34.193	ND	26.83+- 1.5%		3500
20/ 7/77		3	34.422	ND	27.53+- 1.5%		4985

**Annex 2 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
3/ 8/77		3	34.899	ND	17.39+- 2.3%		5503
7/ 9/77		3	35.090	ND	15.98+- 2.5%		5508
29/11/77		3	32.245	ND	25.86+- 1.6%		5515
15/12/77		3	30.762	ND	27.64+- 1.5%		5520
15/ 1/78		3	33.911	ND	14.69+- 3.1%		5683
20/ 2/78		3	33.420	ND	38.37+- 1.1%		6035
12/ 3/78		3	34.961	ND	17.98+- 2.3%		5688
15/ 4/78		3	27.849	ND	36.59+- 2.1%		6054
9/ 6/78		3	34.276	ND	29.45+- 1.4%		6120
6/ 7/78		3	34.798	ND	20.20+- 2.0%		6135
17/ 8/78		3	33.112	ND	27.08+- 1.6%		7201
18/ 9/78		3	34.934	ND	15.50+- 2.5%		7235
15/10/78		3	33.839	ND	32.89+- 2.4%		7297
15/11/78		3	32.942	ND	36.85+- 1.2%		7703
22/12/78		3	34.796	ND	31.82+- 1.3%		7760
15/ 1/79		3	33.235	ND	56.04+- 0.8%		7765
4/ 3/79		3	25.713	ND	31.63+- 1.3%		8103
15/ 7/79		3	NA	ND	37.31+- 1.0%		9410
25/ 8/79		3	NA	ND	16.77+- 2.3%		8893
17/10/79		3	NA	ND	26.64+- 1.4%		9447
15/11/79		3	NA	ND	30.20+- 2.3%		9450

**Site 37 File C**

Station 9 Swansea-Cork St D

51:41: 0N 7: 0: 0W

15/ 1/75		3	21.975	ND	9.58+- %		10077
15/ 2/75		3	33.067	ND	39.59+- %		10082
15/ 3/75		3	32.740	ND	32.52+- %		10087
15/ 4/75		3	33.371	ND	72.89+- %		10092
15/ 5/75		3	33.327	11.43+- %	76.96+- %	6.7	10057
15/ 6/75		3	33.836	11.99+- %	78.81+- %	6.6	10062
15/ 7/75		3	34.585	ND	55.50+- %		10067
15/ 8/75		3	34.234	ND	56.98+- %		10072
15/ 9/75		3	34.588	ND	62.90+- %		10047
15/10/75		3	34.522	ND	38.11+- %		10052
15/11/75		3	33.264	ND	39.96+- %		10037
15/12/75		3	34.047	ND	50.32+- %		10042
15/ 1/76		3	34.939	ND	59.94+- %		10506
15/ 2/76		3	34.520	18.83+- %	98.05+- %	5.2	10511
15/ 5/76		3	NA	39.96+- %	285.64+- %	7.1	10516
15/ 7/76		3	NA	12.65+-15.4%	135.57+- 1.3%	10.7	2182
15/ 8/76		3	NA	46.51+- 2.9%	145.19+- 0.9%	3.1	2187
15/ 9/76		3	NA	17.94+- 5.1%	121.29+- 0.8%	6.8	2192
15/10/76		3	NA	17.98+- 8.5%	111.41+- 1.4%	6.2	2197
15/11/76		3	NA	ND	77.63+- 0.7%		2631
15/12/76		3	NA	ND	71.41+- 1.1%		2636

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
15/ 1/77		3	31.669	ND	72.04+- 0.8%		3203
15/ 2/77		3	31.540	ND	45.77+- 1.1%		3208
15/ 3/77		3	33.760	ND	34.52+- 2.1%		3213
17/ 4/77		3	33.997	ND	34.63+- 2.3%		4008
15/ 5/77		3	31.447	ND	34.19+- 1.2%		4001
20/ 7/77		3	33.462	ND	26.97+- 1.6%		4986
3/ 8/77		3	NA	ND	30.45+- 1.3%		5504
7/ 9/77		3	35.017	ND	61.35+- 0.7%		5509
29/11/77		3	31.537	ND	23.13+- 1.8%		5516
15/12/77		3	30.777	ND	26.31+- 1.7%		5521
15/ 1/78		3	15.283	ND	11.21+- 4.1%		5684
20/ 2/78		3	33.307	ND	30.97+- 1.3%		6036
12/ 3/78		3	33.652	ND	38.33+- 1.1%		5689
15/ 4/78		3	29.333	ND	38.22+- 1.1%		6055
9/ 6/78		3	34.446	ND	28.97+- 1.6%		6121
6/ 7/78		3	33.903	ND	27.68+- 1.5%		6136
17/ 8/78		3	33.322	ND	27.82+- 1.5%		7202
18/ 9/78		3	34.837	ND	29.27+- 1.5%		7236
15/10/78		3	33.568	ND	32.45+- 1.7%		7298
15/11/78		3	32.943	ND	68.71+- 0.7%		7704
22/12/78		3	34.649	ND	44.03+- 1.7%		7761
15/ 1/79		3	33.941	ND	59.15+- 0.8%		7766
4/ 3/79		3	24.772	ND	29.59+- 1.4%		8104
15/ 7/79		3	NA	ND	37.69+- 1.0%		9411
26/ 8/79		3	NA	ND	16.05+- 2.4%		8894
17/10/79		3	NA	ND	26.35+- 1.4%		9448
<b>Site 37 File C</b>							
<b>Station 10 Swansea-Cork St E 51:41: 0N 8: 0: 0W</b>							
15/ 1/75		3	21.923	ND	9.47+- %		10078
15/ 2/75		3	34.422	ND	33.78+- %		10083
15/ 3/75		3	32.624	ND	31.56+- %		10088
15/ 4/75		3	33.280	ND	58.09+- %		10093
15/ 5/75		3	34.619	ND	37.37+- %		10058
15/ 6/75		3	32.710	ND	58.83+- %		10063
15/ 7/75		3	34.228	ND	67.71+- %		10068
15/ 8/75		3	33.759	ND	47.73+- %		10073
15/ 9/75		3	34.647	ND	20.46+- %		10048
15/10/75		3	34.796	ND	46.25+- %		10053
15/11/75		3	33.546	ND	38.85+- %		10038
15/12/75		3	33.894	ND	46.99+- %		10043
15/ 1/76		3	34.450	ND	64.38+- %		10507
15/ 2/76		3	33.296	13.21+- %	77.33+- %	5.9	10512
15/ 5/76		3	NA	44.03+- %	297.85+- %	6.8	10517
15/ 7/76		3	NA	19.80+- 5.0%	163.06+- 0.6%	8.2	2183
15/ 8/76		3	NA	21.76+- 5.4%	192.58+- 0.6%	8.9	2188

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
15/ 9/76		3	NA	19.50+- 4.5%	144.19+- 0.6%	7.4	2193
15/10/76		3	NA	20.17+- 6.4%	157.32+- 0.8%	7.8	2198
15/11/76		3	NA	ND	64.38+- 0.9%		2632
15/12/76		3	NA	12.88+- 8.9%	133.53+- 0.9%	10.4	2637
15/ 1/77		3	34.352	ND	62.94+- 0.9%		3204
15/ 2/77		3	31.876	11.88+- 6.7%	86.80+- 1.0%	7.3	3209
15/ 3/77		3	34.672	11.36+- 9.8%	97.61+- 1.2%	8.6	3214
17/ 4/77		3	31.629	ND	45.73+- 0.9%		4009
15/ 5/77		3	31.333	ND	36.96+- 1.1%		4002
20/ 7/77		3	34.220	ND	34.23+- 1.2%		4987
3/ 8/77		3	34.843	ND	23.38+- 1.7%		5505
7/ 9/77		3	34.874	ND	70.97+- 0.7%		5510
29/11/77		3	34.184	ND	22.64+- 1.8%		5517
15/12/77		3	30.800	ND	25.83+- 1.8%		5522
15/ 1/78		3	13.823	ND	9.32+- 5.2%		5685
20/ 2/78		3	34.839	ND	27.16+- 1.6%		6037
12/ 3/78		3	32.589	ND	36.04+- 1.1%		5690
15/ 4/78		3	28.451	ND	22.50+- 1.6%		6056
9/ 6/78		3	34.466	ND	27.86+- 1.5%		6132
6/ 7/78		3	34.517	ND	27.90+- 1.5%		6137
17/ 8/78		3	34.100	ND	22.16+- 1.8%		7203
18/ 9/78		3	34.850	ND	29.75+- 1.4%		7237
15/10/78		3	34.369	ND	42.62+- 2.1%		7299
15/11/78		3	34.445	ND	64.75+- 0.7%		7705
22/12/78		3	34.595	ND	45.81+- 0.9%		7762
15/ 1/79		3	34.451	ND	48.16+- 0.9%		7767
4/ 3/79		3	24.501	ND	30.38+- 1.3%		8105
15/ 7/79		3	NA	ND	29.16+- 1.3%		9412
26/ 8/79		3	NA	ND	17.44+- 4.2%		8895
15/ 9/79		3	NA	ND	26.66+- 2.4%		9453
17/10/79		3	NA	ND	26.44+- 1.3%		9449
15/11/79		3	NA	ND	29.21+- 2.1%		9451
<b>Site 50 St Georges Channel</b>							
<b>Station 1 Fishguard-Rosslare 1 52: 3: 0N 5: 5: 0W</b>							
14/ 1/75		3	NA	38.48+- %	248.64+- %	6.5	10094
11/ 2/75		3	NA	37.37+- %	211.64+- %	5.7	10097
11/ 3/75		3	NA	26.45+- %	167.98+- %	6.3	10100
8/ 4/75		3	NA	45.14+- %	256.78+- %	5.7	10103
5/ 5/75		3	NA	118.40+- %	502.83+- %	4.2	10106
27/ 5/75		3	NA	46.62+- %	268.62+- %	5.8	10109
23/ 6/75		3	NA	45.88+- %	266.40+- %	5.8	10112
21/ 7/75		3	NA	23.13+- %	114.70+- %	5.0	10115
15/ 8/75		3	34.634	19.91+- %	93.61+- %	4.7	10118
13/ 9/75		3	34.624	20.09+- %	103.23+- %	5.1	10121
13/10/75		3	NA	44.03+- %	335.96+- %	7.6	10124

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs		<sup>137</sup> Cs		Ratio	Sample no.
10/11/75		3	NA	21.64+-	%	115.07+-	%	5.3	10127
7/12/75		3	NA	35.70+-	%	173.53+-	%	4.9	10130
26/ 1/76		3	33.943	118.40+-	%	543.90+-	%	4.6	10483
23/ 2/76		3	34.304	217.19+-	%	1115.55+-	%	5.1	10486
24/ 3/76		3	34.316	156.88+-	%	879.12+-	%	5.6	10491
11/ 4/76		3	34.188	181.30+-	%	1114.81+-	%	6.1	10494
12/ 5/76		3	34.316	136.16+-	%	863.21+-	%	6.3	10497
7/ 6/76		3	34.307	138.38+-	%	828.06+-	%	6.0	10500
28/ 6/76		3	NA	118.33+-	4.8%	613.24+-	0.9%	5.2	2149
29/ 7/76		3	NA	117.33+-	5.5%	746.70+-	0.9%	6.4	2152
9/ 8/76		3	NA	139.56+-	5.1%	935.80+-	0.8%	6.7	2161
23/ 8/76		3	NA	147.07+-	4.4%	876.64+-	0.8%	6.0	2172
23/ 8/76		3	NA	139.05+-	4.7%	879.38+-	0.8%	6.3	2171
13/ 9/76		3	NA	158.66+-	1.5%	1030.56+-	0.3%	6.5	2155
4/10/76		3	NA	51.76+-	11.7%	184.56+-	3.2%	3.6	2170
1/11/76		3	NA	20.50+-	30.9%	106.45+-	6.0%	5.2	2158
22/11/76		3	NA	69.45+-	3.8%	97.50+-	2.7%	1.4	2199
13/12/76		3	NA	ND		139.79+-	2.7%		2613
17/ 1/77		3	34.702	27.82+-	12.0%	166.72+-	2.0%	6.0	3197
14/ 2/77		3	34.749	27.75+-	14.7%	101.19+-	4.0%	3.6	3216
14/ 3/77		3	34.294	ND		57.68+-	3.1%		3219
4/ 4/77		3	NA	ND		36.89+-	8.5%		3479
27/ 6/77		3	34.217	8.25+-	22.2%	87.69+-	1.6%	10.6	3495
30/ 7/77		3	NA	ND		35.96+-	1.4%		5637
15/ 8/77		3	34.320	4.92+-	40.2%	91.57+-	1.6%	18.6	4932
17/10/77		3	34.256	8.47+-	22.1%	77.81+-	1.9%	9.2	4935
21/11/77		3	33.830	ND		73.59+-	1.4%		4941
20/12/77		3	NA	ND		76.40+-	1.4%		5649
14/ 1/78		3	34.687	15.73+-	12.6%	93.57+-	1.6%	6.0	5691
14/ 2/78		3	34.769	11.32+-	16.5%	106.89+-	1.4%	9.4	5652
14/ 3/78		3	34.095	ND		67.71+-	1.4%		6023
10/ 4/78		3	34.728	ND		49.10+-	1.9%		6026
8/ 5/78		3	34.195	10.51+-	16.9%	131.39+-	1.1%	12.5	6038
6/ 6/78		3	34.595	ND		67.12+-	1.5%		6163
5/ 7/78		3	34.525	ND		68.67+-	1.4%		6115
31/ 7/78		3	34.894	ND		28.75+-	3.7%		6191
13/ 9/78		3	34.586	ND		77.07+-	1.4%		7204
6/11/78		3	34.291	21.13+-	9.4%	263.37+-	0.6%	12.5	7288
4/12/78		3	33.642	39.33+-	5.0%	422.50+-	0.4%	10.7	7751
8/ 1/79		3	34.741	20.18+-	9.1%	145.39+-	1.0%	7.2	7754
5/ 2/79		3	34.310	21.51+-	9.0%	252.07+-	0.6%	11.7	8106
26/ 2/79		3	NA	25.58+-	17.4%	371.05+-	0.8%	14.5	8180
9/ 4/79		3	NA	ND		103.05+-	1.0%		8185
7/ 5/79		3	NA	12.70+-	14.7%	117.50+-	1.3%	9.2	8190
28/ 5/79		3	NA	ND		65.62+-	3.0%		8579
25/ 6/79		3	NA	ND		82.35+-	2.4%		8592

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
20/ 7/79		3	NA	ND	40.45+- 2.4%		8595
17/ 9/79		3	NA	ND	61.91+- 1.4%		9460
16/11/79		3	NA	ND	25.59+- 6.5%		9463
20/12/79		3	NA	4.78+-25.2%	95.47+- 1.0%	20.0	9466
<i>Site 50 St Georges Channel</i>							
<i>Station 2 Fishguard-Rosslare 2</i> 52:10: 0N    5:40: 0W							
14/ 1/75		3	NA	32.30+- %	193.88+- %	6.0	10095
11/ 2/75		3	NA	13.13+- %	119.51+- %	9.1	10098
11/ 3/75		3	NA	18.87+- %	74.00+- %	3.9	10101
8/ 4/75		3	NA	15.43+- %	88.43+- %	5.7	10104
5/ 5/75		3	NA	111.00+- %	478.78+- %	4.3	10107
27/ 5/75		3	NA	51.43+- %	227.18+- %	4.4	10110
23/ 6/75		3	NA	32.52+- %	149.48+- %	4.6	10113
21/ 7/75		3	NA	ND	56.98+- %		10116
15/ 8/75		3	34.969	9.69+- %	171.31+- %	17.7	10119
13/ 9/75		3	35.058	ND	19.80+- %		10122
13/10/75		3	NA	28.56+- %	132.09+- %	4.6	10125
10/11/75		3	NA	24.94+- %	118.40+- %	4.7	10128
7/12/75		3	NA	16.61+- %	126.91+- %	7.6	10131
26/ 1/76		3	34.403	186.85+- %	814.00+- %	4.4	10484
23/ 2/76		3	34.732	99.16+- %	410.33+- %	4.1	10487
8/ 3/76		3	34.580	93.98+- %	488.40+- %	5.2	10489
24/ 3/76		3	34.623	74.37+- %	364.82+- %	4.9	10492
11/ 4/76		3	34.500	80.66+- %	466.20+- %	5.8	10495
12/ 5/76		3	34.477	85.10+- %	537.98+- %	6.3	10498
7/ 6/76		3	34.484	106.56+- %	580.16+- %	5.4	10501
28/ 6/76		3	NA	77.59+- 8.4%	571.54+- 1.1%	7.4	2150
29/ 7/76		3	NA	28.60+-15.2%	291.78+- 1.5%	10.2	2153
9/ 8/76		3	NA	77.70+- 9.0%	487.66+- 1.4%	6.3	2162
23/ 8/76		3	NA	54.43+-11.6%	403.82+- 1.5%	7.4	2175
23/ 8/76		3	NA	41.22+-16.8%	120.77+- 5.4%	2.9	2176
23/ 8/76		3	NA	60.05+-10.5%	324.56+- 1.9%	5.4	2174
13/ 9/76		3	NA	29.97+- 6.1%	206.31+- 0.9%	6.9	2156
1/11/76		3	NA	ND	58.13+- 6.9%		2159
22/11/76		3	NA	23.46+-12.9%	138.68+- 2.2%	5.9	2200
13/12/76		3	NA	ND	91.69+- 4.1%		2614
17/ 1/77		3	35.041	26.60+-12.6%	85.06+- 3.8%	3.2	3198
14/ 2/77		3	34.418	22.50+-12.5%	108.00+- 2.6%	4.8	3217
14/ 3/77		3	34.616	ND	56.68+- 3.6%		3220
4/ 4/77		3	33.718	ND	82.77+- 3.3%		3480
27/ 6/77		3	34.563	ND	42.03+- 2.2%		3496
30/ 7/77		3	NA	13.13+- 8.5%	100.97+- 0.8%	7.7	5647
15/ 8/77		3	34.730	ND	27.42+- 3.5%		4933
17/10/77		3	34.655	ND	48.36+- 2.1%		4936
21/11/77		3	34.472	12.36+-16.0%	90.61+- 1.7%	7.3	4942
20/12/77		3	NA	ND	27.64+- 3.5%		5650

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
14/ 1/78		3	34.742	ND	78.48+- 1.3%		5692
14/ 2/78		3	34.908	ND	43.77+- 2.3%		5653
14/ 3/78		3	34.754	ND	41.18+- 2.3%		6024
10/ 4/78		3	34.733	ND	33.71+- 2.8%		6027
8/ 5/78		3	34.583	ND	49.73+- 1.9%		6039
6/ 6/78		3	34.830	ND	30.93+- 3.3%		6164
5/ 7/78		3	34.711	ND	44.88+- 2.1%		6116
31/ 7/78		3	34.594	ND	26.90+- 3.7%		6192
13/ 9/78		3	34.751	6.07+-31.7%	106.82+- 1.5%	17.6	7205
6/11/78		3	34.498	28.75+- 6.9%	323.45+- 0.5%	11.3	7289
4/12/78		3	27.683	ND	97.98+- 1.1%		7752
8/ 1/79		3	34.928	ND	21.64+- 4.5%		7755
5/ 2/79		3	34.986	ND	49.67+- 2.0%		8107
26/ 2/79		3	NA	8.33+-53.0%	130.12+- 2.3%	15.6	8181
9/ 4/79		3	NA	ND	60.21+- 1.7%		8186
7/ 5/79		3	NA	ND	56.25+- 1.8%		8191
28/ 5/79		3	NA	ND	70.86+- 2.8%		8580
25/ 6/79		3	NA	ND	51.38+- 3.8%		8593
20/ 7/79		3	NA	ND	56.26+- 1.7%		8596
17/ 9/79		3	NA	ND	24.32+- 3.5%		9461
6/11/79		3	NA	ND	19.58+- 8.8%		9464
20/12/79		3	NA	ND	66.57+- 0.9%		9467

Site 50 St Georges Channel

Station 3 Fishguard-Rosslare 3

52:12: 0N 6: 5: 0W

14/ 1/75		3	NA	ND	55.13+- %		10096
11/ 2/75		3	NA	14.73+- %	86.95+- %	5.9	10099
11/ 3/75		3	NA	ND	65.49+- %		10102
8/ 4/75		3	NA	17.17+- %	91.39+- %	5.3	10105
5/ 5/75		3	NA	184.63+- %	808.82+- %	4.4	10108
27/ 5/75		3	NA	27.79+- %	168.35+- %	6.1	10111
23/ 6/75		3	NA	62.53+- %	321.53+- %	5.1	10114
14/ 7/75		3	34.566	25.68+- %	99.53+- %	3.9	10117
15/ 8/75		3	34.657	34.67+- %	169.83+- %	4.9	10120
13/ 9/75		3	NA	32.60+- %	196.10+- %	6.0	10123
13/10/75		3	NA	26.79+- %	132.09+- %	4.9	10126
10/11/75		3	NA	5.00+- %	79.18+- %	15.9	10129
7/12/75		3	NA	15.02+- %	116.18+- %	7.7	10132
26/ 1/76		3	34.333	113.22+- %	572.76+- %	5.1	10485
23/ 2/76		3	34.669	65.86+- %	184.26+- %	2.8	10488
8/ 3/76		3	34.668	54.02+- %	318.20+- %	5.9	10490
24/ 3/76		3	34.113	52.17+- %	190.18+- %	3.6	10493
11/ 4/76		3	34.645	34.93+- %	207.57+- %	5.9	10496
12/ 5/76		3	34.511	60.31+- %	385.54+- %	6.4	10499
7/ 6/76		3	34.617	51.06+- %	273.80+- %	5.4	10502
28/ 6/76		3	NA	23.61+-27.0%	294.41+- 2.0%	12.5	2151
29/ 7/76		3	NA	76.11+- 5.8%	438.34+- 1.0%	5.8	2154

**Annex 2 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
9/ 8/76		3	NA	66.93+-10.4%	430.49+- 1.6%	6.4	2163
23/ 8/76		3	NA	863.65+- 0.9%	4775.37+- 0.3%	5.5	2173
13/ 9/76		3	NA	180.63+- 2.1%	1112.33+- 0.4%	6.2	2157
1/11/76		3	NA	19.28+-32.8%	312.13+- 2.1%	16.2	2160
22/11/76		3	NA	23.38+-13.0%	236.95+- 1.3%	10.1	2612
13/12/76		3	NA	23.90+-24.7%	172.75+- 3.5%	7.2	2615
17/ 1/77		3	34.787	57.83+- 5.9%	372.00+- 1.0%	6.4	3199
14/ 2/77		3	34.357	31.52+- 9.0%	150.29+- 1.9%	4.8	3218
14/ 3/77		3	33.874	25.83+-16.6%	126.35+- 3.4%	4.9	3221
4/ 4/77		3	34.563	14.58+-35.0%	135.75+- 2.4%	9.3	3481
27/ 6/77		3	34.388	53.61+- 3.7%	461.80+- 0.4%	8.6	3497
30/ 7/77		3	NA	17.83+- 6.2%	129.24+- 0.6%	7.2	5648
15/ 8/77		3	34.373	19.80+-10.1%	184.52+- 0.9%	9.3	4934
17/10/77		3	34.579	14.98+-12.6%	95.02+- 1.6%	6.3	4937
21/11/77		3	34.341	ND	51.02+- 2.0%		4943
20/12/77		3	NA	ND	28.86+- 3.4%		5651
14/ 1/78		3	34.652	9.95+-19.9%	77.81+- 1.9%	7.8	5693
14/ 2/78		3	34.634	ND	33.49+- 2.9%		5654
14/ 3/78		3	34.663	ND	29.93+- 3.2%		6025
10/ 4/78		3	34.516	ND	29.75+- 3.1%		6028
8/ 5/78		3	34.574	ND	35.93+- 2.6%		6040
6/ 6/78		3	34.374	ND	59.05+- 1.8%		6165
5/ 7/78		3	34.660	ND	55.43+- 1.7%		6117
31/ 7/78		3	34.803	ND	67.04+- 1.5%		6193
13/ 9/78		3	34.564	8.92+-21.8%	82.55+- 1.9%	9.3	7206
6/11/78		3	34.653	16.06+-12.2%	129.20+- 1.2%	8.0	7290
4/12/78		3	34.924	ND	83.84+- 1.2%		7753
8/ 1/79		3	34.574	ND	43.47+- 2.3%		7756
5/ 2/79		3	34.640	ND	52.51+- 1.9%		8108
26/ 2/79		3	NA	ND	51.04+- 3.8%		8182
9/ 4/79		3	NA	ND	65.02+- 1.5%		8187
7/ 5/79		3	NA	ND	40.98+- 2.4%		8192
28/ 5/79		3	NA	ND	37.90+- 5.1%		8581
25/ 6/79		3	NA	ND	44.28+- 4.3%		8594
20/ 7/79		3	NA	ND	53.93+- 1.8%		8597
17/ 9/79		3	NA	ND	51.61+- 1.7%		9462
6/11/79		3	NA	ND	23.97+- 7.2%		9465
20/12/79		3	NA	ND	24.17+- 2.4%		9468

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
<i>Site 1 Sellafield</i>							
<i>Station 82 Dahn Buoy</i>							
				54:22: 6N	3:31:56W		
18/ 2/75		2	NA	6967.10+-	% 28290.20+-	%	4.1 10151
13/ 5/75		2	NA	4236.50+-	% 18829.30+-	%	4.4 10145
12/ 8/75		2	NA	14603.90+-	% 67155.00+-	%	4.6 10147
11/11/75		2	32.337	20760.70+-	% 99012.00+-	%	4.8 10149
15/ 2/76		2	32.518	3304.84+-	% 18810.80+-	%	5.7 10430
15/ 8/76		3	NA	16566.94+-	0.5% 91616.07+-	0.2%	5.5 1742
8/ 6/77		3	32.819	7181.33+-	0.5% 58404.13+-	0.2%	8.1 3419
23/ 8/77		3	33.405	299.03+-	2.1% 1268.14+-	0.4%	4.2 3494
18/11/77		2	32.426	8340.06+-	0.8% 66869.73+-	0.1%	8.0 4954
3/ 3/78		2	31.762	1027.16+-	1.2% 9265.24+-	0.2%	9.0 5626
14/ 5/78		2	33.206	5485.99+-	0.9% 53278.89+-	0.1%	9.7 6093
23/11/78		2	32.080	1203.24+-	1.6% 14218.73+-	0.2%	11.8 6356
21/ 5/79		2	NA	6561.70+-	0.9% 63285.60+-	0.1%	9.6 8162
17/ 8/79		2	NA	1100.36+-	1.9% 11400.30+-	0.3%	10.4 8576
13/11/79		2	NA	2756.80+-	1.1% 29538.00+-	0.1%	10.7 9413
<i>Site 1 Sellafield</i>							
<i>Station 83 Midpoint net position</i>							
				54:23:40N	3:32:25W		
18/ 2/75		2	NA	11088.90+-	% 44548.00+-	%	4.0 10152
13/ 5/75		2	NA	3015.50+-	% 13682.60+-	%	4.5 10146
12/ 8/75		2	NA	30806.20+-	% 138343.00+-	%	4.5 10148
11/11/75		2	32.311	22595.90+-	% 113960.00+-	%	5.0 10150
15/ 2/76		2	32.635	2803.49+-	% 15799.00+-	%	5.6 10431
15/ 5/76		2	NA	1738.63+-	% 10715.20+-	%	6.2 10432
15/ 8/76		3	NA	10828.35+-	0.5% 60029.54+-	0.2%	5.5 1741
23/ 8/77		3	33.401	9136.19+-	0.6% 66885.27+-	%	7.3 3493
18/11/77		2	32.599	1864.32+-	1.1% 14941.86+-	0.2%	8.0 4955
3/ 3/78		2	32.680	1113.40+-	1.1% 10341.28+-	0.1%	9.3 5627
14/ 5/78		2	33.147	5974.02+-	0.9% 57818.79+-	0.1%	9.7 6092
13/ 8/78		2	33.197	1159.91+-	1.4% 12424.93+-	0.1%	10.7 6326
23/11/78		2	32.238	1172.75+-	1.6% 13188.32+-	0.2%	11.2 6355
21/ 5/79		2	NA	807.76+-	1.7% 8871.21+-	0.2%	11.0 8161
17/ 8/79		2	NA	876.54+-	2.2% 9669.38+-	0.3%	11.0 8575
<i>Site 1 Sellafield</i>							
<i>Station 116 PLZ Current Meter</i>							
				54:24:42N	3:32:54W		
8/ 6/77		3	32.835	13603.49+-	0.4% 96205.55+-	0.2%	7.1 3420

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
13/ 8/78		2	32.979	8069.26+- 0.9%	76345.43+- 0.1%	9.5	6325
Site 37 File C							
Station 1 Heysham-Belfast							
				54:28: 0N	3:21: 0W		
15/ 1/75		3	NA	3341.84+-	% 13978.60+-	% 4.2	10311
14/ 2/75		3	NA	1793.39+-	% 7596.10+-	% 4.2	10312
14/ 4/75		3	NA	2022.79+-	% 9468.30+-	% 4.7	10313
15/ 5/75		3	NA	578.68+-	% 2722.46+-	% 4.7	10314
30/ 6/75		3	NA	2636.25+-	% 11688.30+-	% 4.4	10315
15/ 7/75		3	33.778	280.83+-	% 1368.26+-	% 4.9	10316
15/ 8/75		3	33.513	479.15+-	% 2515.63+-	% 5.3	10317
15/12/75		3	NA	721.13+-	% 3918.30+-	% 5.4	10318
19/ 2/76		3	32.859	1579.53+-	% 8665.40+-	% 5.5	10538
17/ 3/76		3	33.879	504.31+-	% 3031.04+-	% 6.0	10540
20/ 5/76		3	34.002	394.05+-	% 2690.27+-	% 6.8	10539
15/ 6/76		3	33.923	430.31+-	% 2971.84+-	% 6.9	10541
13/ 7/76		3	33.084	1548.45+-	% 9398.00+-	% 6.1	10542
15/ 8/76		3	NA	453.99+-	% 3135.75+-	% 6.9	10543
22/ 9/76		3	NA	872.83+-	% 6001.40+-	% 6.9	10544
19/10/76		3	NA	534.65+-	% 3788.80+-	% 7.1	10545
16/11/76		3	NA	708.55+-	% 4987.60+-	% 7.0	10546
16/12/76		3	NA	1135.90+-	% 7788.50+-	% 6.9	10547
22/ 1/77		3	NA	964.37+- 0.7%	7254.33+- 0.2%	7.5	3235
19/ 2/77		3	NA	326.19+- 1.2%	2797.46+- 0.2%	8.6	3234
15/ 5/77		3	NA	1092.02+- 0.8%	8003.36+- 0.1%	7.3	3441
15/ 6/77		3	NA	238.98+- 1.6%	2052.28+- 0.2%	8.6	3442
15/ 6/77		3	33.995	791.73+- 0.7%	5259.03+- 0.1%	6.6	4245
15/ 7/77		3	34.149	336.07+- 0.9%	2305.95+- 0.1%	6.9	4243
15/ 8/77		3	34.050	543.94+- 0.8%	3951.30+- 0.1%	7.3	4244
15/ 9/77		3	33.905	1191.51+- 0.7%	8500.45+- 0.1%	7.1	4753
15/10/77		3	33.909	214.34+- 1.7%	1797.94+- 0.3%	8.4	4929
15/11/77		3	33.315	170.64+- 2.0%	1394.23+- 0.3%	8.2	4930
6/12/77		3	NA	306.66+- 1.7%	2343.51+- 0.3%	7.6	5628
17/ 1/78		3	33.013	959.04+- 1.1%	7501.34+- 0.1%	7.8	5629
12/ 2/78		3	33.376	758.32+- 0.8%	6147.59+- 0.1%	8.1	5698
14/ 3/78		3	33.784	353.20+- 1.1%	2960.63+- 0.1%	8.4	5699
16/ 4/78		3	32.970	1402.71+- 0.9%	12394.37+- 0.1%	8.8	6018
31/ 5/78		3	32.349	490.88+- 1.6%	4465.01+- 0.2%	9.1	6019
12/ 6/78		3	33.632	530.80+- 1.9%	5257.07+- 0.2%	9.9	6138
24/ 7/78		3	33.929	215.15+- 4.1%	2408.00+- 0.4%	11.2	6139
14/ 8/78		3	33.766	420.36+- 2.5%	4387.87+- 0.3%	10.4	6140
13/ 9/78		3	33.878	509.90+- 1.7%	5175.04+- 0.2%	10.1	7711
11/10/78		3	34.182	311.47+- 3.3%	3252.85+- 0.4%	10.4	7712
21/11/78		3	34.293	260.44+- 2.5%	2754.50+- 0.3%	10.6	7713
15/ 2/79		3	34.098	194.34+- 1.4%	1989.92+- 0.1%	10.2	7788

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
24/ 3/79		3	33.572	471.92+- 1.0%	4894.65+- 0.1%	10.4	7789
17/ 4/79		3	NA	483.38+- 1.3%	5166.22+- 0.1%	10.7	8551
15/ 5/79		3	NA	92.65+- 3.4%	1135.96+- 0.3%	12.3	8552
15/ 6/79		3	NA	70.53+- 4.6%	817.28+- 0.3%	11.6	8553
15/ 7/79		3	NA	77.20+- 4.6%	1024.54+- 0.4%	13.3	8903
15/ 8/79		3	NA	89.53+- 4.0%	1297.72+- 0.3%	14.5	8904
<i>Site 49 North Channel</i>							
<i>Station 1 Corsewall</i>							
				55: 1: 0N	5:12: 0W		
8/ 1/75		3	NA	460.28+- %	1830.02+- %	4.0	10155
9/ 1/75		3	NA	451.40+- %	1842.23+- %	4.1	10158
28/ 2/75		3	NA	483.96+- %	2204.09+- %	4.6	10161
2/ 4/75		3	NA	357.42+- %	1656.49+- %	4.6	10164
16/ 4/75		3	NA	315.98+- %	1447.07+- %	4.6	10167
15/ 5/75		3	NA	342.62+- %	1406.00+- %	4.1	10170
29/ 5/75		3	NA	318.57+- %	1321.27+- %	4.1	10173
15/ 6/75		3	NA	306.73+- %	1286.12+- %	4.2	10177
18/ 6/75		3	NA	379.62+- %	1670.18+- %	4.4	10179
16/ 7/75		3	NA	574.98+- %	2799.79+- %	4.9	10182
15/ 8/75		3	33.826	469.16+- %	2175.97+- %	4.6	10187
15/ 9/75		3	33.743	344.10+- %	1749.36+- %	5.1	10190
15/10/75		3	33.736	566.10+- %	2941.50+- %	5.2	10193
19/11/75		3	33.517	566.10+- %	2901.54+- %	5.1	10197
15/12/75		3	32.274	463.98+- %	2443.85+- %	5.3	10200
7/ 1/76		3	33.889	451.03+- %	2570.39+- %	5.7	10464
18/ 2/76		3	NA	423.28+- %	2171.53+- %	5.1	10467
24/ 3/76		3	33.685	395.53+- %	2055.72+- %	5.2	10470
21/ 4/76		3	33.809	368.52+- %	2052.02+- %	5.6	10473
19/ 5/76		3	34.121	404.41+- %	2150.07+- %	5.3	10476
16/ 6/76		3	33.997	526.51+- %	3103.19+- %	5.9	10479
7/ 7/76		3	33.859	383.69+- %	2129.35+- %	5.5	10482
11/ 8/76		3	NA	291.01+- 1.2%	1850.41+- 0.3%	6.4	1703
9/ 9/76		3	33.605	319.90+- 0.6%	1841.86+- 0.2%	5.8	1816
20/10/76		3	33.870	449.07+- 0.9%	2647.31+- 0.3%	5.9	1983
17/11/76		3	33.828	484.14+- 0.8%	3277.83+- 0.2%	6.8	2458
16/12/76		3	33.291	519.55+- 0.8%	3351.98+- 0.2%	6.5	2523
13/ 1/77		3	NA	430.09+- 1.0%	2856.55+- 0.2%	6.6	2625
16/ 2/77		3	33.564	373.70+- 0.9%	2358.45+- 0.2%	6.3	2911
16/ 3/77		3	33.487	282.72+- 1.4%	1819.51+- 0.3%	6.4	3066
22/ 4/77		3	33.474	305.25+- 1.1%	2050.72+- 0.3%	6.7	3263
11/ 5/77		3	33.944	293.11+- 2.3%	1921.89+- 0.3%	6.6	4115
22/ 8/77		3	34.200	284.35+- 2.2%	1943.91+- 0.3%	6.8	4118
19/10/77		3	33.486	236.69+- 1.5%	1848.89+- 0.2%	7.8	4395
9/11/77		3	33.347	314.32+- 4.2%	2138.90+- 0.6%	6.8	4946
14/12/77		3	33.224	225.88+- 1.5%	1799.86+- 0.2%	8.0	4975
15/ 1/78		3	35.249	209.01+- 1.3%	1647.83+- 0.2%	7.9	5527

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
8/ 3/78		3	33.594	206.65+- 1.6%	1656.82+- 0.2%	8.0	5694
18/ 5/78		3	33.702	198.62+- 1.5%	1892.99+- 0.2%	9.5	6062
14/ 6/78		3	33.926	199.84+- 2.1%	1713.65+- 0.3%	8.6	6108
30/ 8/78		3	33.818	165.76+- 4.1%	1649.53+- 0.4%	10.0	7238
27/ 9/78		3	34.163	118.77+- 5.4%	1268.80+- 0.5%	10.7	7239
18/10/78		3	34.143	142.04+- 2.2%	1383.02+- 0.2%	9.7	7258
21/ 3/79		3	NA	165.88+- 2.1%	1715.62+- 0.2%	10.3	8153
20/ 4/79		3	NA	84.25+- 7.6%	1185.77+- 0.4%	14.1	8526
23/ 5/79		3	NA	91.38+- 6.9%	1227.02+- 0.4%	13.4	8527
20/ 6/79		3	NA	106.96+- 5.8%	1357.26+- 0.4%	12.7	8548
4/ 7/79		3	NA	122.85+- 6.3%	1374.60+- 0.5%	11.2	8887
15/ 8/79		3	NA	76.63+- 3.5%	1172.75+- 0.2%	15.3	8890
19/ 9/79		3	NA	121.98+- 2.8%	1578.98+- 0.2%	12.9	9000
24/10/79		3	NA	107.67+- 3.7%	1116.63+- 0.3%	10.4	9083
21/11/79		3	NA	116.25+- 3.3%	1245.08+- 0.3%	10.7	9084
19/12/79		3	NA	130.63+- 4.1%	1642.44+- 0.3%	12.6	9905

Site 49 North Channel  
Station 2 Mid Channel

54:56: 0N 5:28: 0W

8/ 1/75		3	NA	350.76+- %	1421.17+- %	4.1	10153
9/ 1/75		3	NA	335.22+- %	1287.60+- %	3.8	10156
28/ 2/75		3	NA	548.34+- %	2228.14+- %	4.1	10159
2/ 4/75		3	NA	440.67+- %	1815.96+- %	4.1	10162
16/ 4/75		3	NA	329.30+- %	1530.32+- %	4.6	10165
15/ 5/75		3	NA	364.08+- %	1561.40+- %	4.3	10168
29/ 5/75		3	NA	325.23+- %	1484.44+- %	4.6	10171
11/ 6/75		3	NA	579.79+- %	2278.09+- %	3.9	10174
15/ 6/75		3	NA	355.20+- %	1590.63+- %	4.5	10175
25/ 6/75		3	NA	552.04+- %	2382.80+- %	4.3	10180
9/ 7/75		3	NA	593.85+- %	2879.71+- %	4.8	10183
23/ 7/75		3	NA	612.35+- %	2780.55+- %	4.5	10184
15/ 8/75		3	33.876	412.55+- %	1998.00+- %	4.8	10185
15/ 9/75		3	33.823	416.62+- %	1971.73+- %	4.7	10188
15/10/75		3	33.967	522.44+- %	2658.08+- %	5.1	10191
12/11/75		3	33.876	692.27+- %	3146.48+- %	4.5	10194
26/11/75		3	33.859	529.84+- %	2622.56+- %	4.9	10195
15/12/75		3	33.851	384.80+- %	2189.29+- %	5.7	10198
15/ 1/76		3	34.374	269.36+- %	1207.68+- %	4.5	10463
18/ 2/76		3	NA	343.36+- %	1693.12+- %	4.9	10466
24/ 3/76		3	NA	579.79+- %	3089.13+- %	5.3	10469
21/ 4/76		3	34.255	379.99+- %	2039.44+- %	5.4	10472
19/ 5/76		3	33.974	517.26+- %	2857.14+- %	5.5	10475
16/ 6/76		3	33.996	520.22+- %	2972.95+- %	5.7	10478
7/ 7/76		3	33.907	462.50+- %	2688.05+- %	5.8	10481
11/ 8/76		3	NA	325.49+- 1.1%	1984.27+- 0.3%	6.1	1702
9/ 9/76		3	33.881	337.26+- 0.6%	1929.07+- 0.2%	5.7	1817
20/10/76		3	34.037	464.42+- 0.9%	2733.04+- 0.2%	5.9	1985

**Annex 2 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
17/11/76		3	33.672	507.90+- 0.8%	3359.49+- 0.2%	6.6	2457
16/12/76		3	33.740	490.51+- 0.8%	2948.20+- 0.2%	6.0	2525
13/ 1/77		3	NA	487.77+- 0.8%	3254.22+- 0.2%	6.7	2627
2/ 2/77		3	33.878	444.59+- 1.5%	2642.10+- 0.4%	5.9	2888
2/ 3/77		3	33.577	580.79+- 1.2%	3435.60+- 0.3%	5.9	2913
16/ 3/77		3	33.640	330.41+- 2.1%	1905.24+- 0.5%	5.8	3067
30/ 3/77		3	33.827	269.99+- 2.5%	1666.74+- 0.5%	6.2	3068
17/ 4/77		3	33.409	305.47+- 2.0%	1969.92+- 0.4%	6.4	3264
27/ 4/77		3	33.760	278.09+- 2.1%	1885.19+- 0.4%	6.8	3265
11/ 5/77		3	34.373	258.22+- 2.6%	1860.80+- 0.3%	7.2	4114
22/ 8/77		3	34.255	269.88+- 2.3%	1920.97+- 0.3%	7.1	4117
12/10/77		3	34.385	128.13+- 4.2%	1034.67+- 0.5%	8.1	4396
27/10/77		3	34.263	178.52+- 3.1%	1372.85+- 0.4%	7.7	4397
9/11/77		3	33.737	263.14+- 4.1%	1939.76+- 0.5%	7.4	4947
7/12/77		3	33.782	162.62+- 4.8%	1324.64+- 0.5%	8.1	4977
21/12/77		3	33.812	268.80+- 2.4%	2032.56+- 0.3%	7.6	4978
14/ 1/78		3	33.962	162.99+- 4.5%	1317.27+- 0.4%	8.1	5529
16/ 1/78		3	NA	179.52+- 4.1%	1579.64+- 0.4%	8.8	5530
2/ 3/78		3	34.191	159.99+- 3.6%	1369.26+- 0.4%	8.6	5696
15/ 3/78		3	34.180	177.82+- 2.6%	1423.02+- 0.3%	8.0	5697
11/ 5/78		3	34.080	240.98+- 2.2%	2008.29+- 0.3%	8.3	6063
25/ 5/78		3	34.136	210.94+- 2.5%	1873.13+- 0.3%	8.9	6064
7/ 6/78		3	34.212	183.19+- 3.8%	1682.80+- 0.4%	9.2	6109
21/ 6/78		3	34.156	158.84+- 4.3%	1431.71+- 0.4%	9.0	6110
30/ 8/78		3	33.923	142.38+- 4.7%	1313.61+- 0.5%	9.2	7240
27/ 9/78		3	34.219	126.39+- 5.1%	1269.51+- 0.5%	10.0	7241
18/10/78		3	34.471	70.26+- 4.1%	842.56+- 0.3%	12.0	7259
14/ 3/79		3	NA	150.21+- 3.9%	1480.13+- 0.4%	9.9	8155
28/ 3/79		3	NA	119.65+- 4.7%	1061.51+- 0.5%	8.9	8156
20/ 4/79		3	NA	106.71+- 6.2%	1271.91+- 0.4%	11.9	8528
23/ 5/79		3	NA	101.96+- 6.3%	1400.04+- 0.4%	13.7	8529
20/ 6/79		3	NA	111.41+- 5.5%	1090.78+- 0.5%	9.8	8549
4/ 7/79		3	NA	122.15+- 3.8%	1302.77+- 0.3%	10.7	8888
15/ 8/79		3	NA	61.47+- 3.8%	1001.08+- 0.2%	16.3	8902
12/ 9/79		3	NA	72.12+- 7.7%	1067.54+- 0.5%	14.8	9001
26/ 9/79		3	NA	82.61+- 6.6%	1100.04+- 0.5%	13.3	9002
24/10/79		3	NA	110.04+- 3.6%	1309.99+- 0.3%	11.9	9085
21/11/79		3	NA	109.07+- 3.6%	1348.65+- 0.3%	12.4	9086
19/12/79		3	NA	97.94+- 5.4%	1402.05+- 0.3%	14.3	9906
<i>Site 49 North Channel</i>							
<i>Station 3 Hunter</i>							
				54:52: 0N	5:45: 0W		
8/ 1/75		3	NA	177.23+- %	752.58+- %	4.2	10154
9/ 1/75		3	NA	226.44+- %	1017.87+- %	4.5	10157
28/ 2/75		3	NA	490.25+- %	2004.66+- %	4.1	10160
2/ 4/75		3	NA	420.32+- %	1854.44+- %	4.4	10163

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs		<sup>137</sup> Cs		Ratio	Sample no.
16/ 4/75		3	NA	357.42+-	%	1461.87+-	%	4.1	10166
15/ 5/75		3	NA	327.82+-	%	1504.79+-	%	4.6	10169
29/ 5/75		3	NA	330.78+-	%	1493.69+-	%	4.5	10172
15/ 6/75		3	NA	310.43+-	%	1480.74+-	%	4.8	10176
18/ 6/75		3	NA	293.41+-	%	1385.28+-	%	4.7	10178
16/ 7/75		3	NA	471.38+-	%	2266.62+-	%	4.8	10181
15/ 8/75		3	34.097	224.59+-	%	1086.69+-	%	4.8	10186
15/ 9/75		3	34.068	298.96+-	%	1467.05+-	%	4.9	10189
15/10/75		3	34.026	447.33+-	%	2306.95+-	%	5.2	10192
19/11/75		3	34.065	426.24+-	%	2147.48+-	%	5.0	10196
15/12/75		3	33.877	261.59+-	%	1389.35+-	%	5.3	10199
7/ 1/76		3	34.411	469.16+-	%	2074.59+-	%	4.4	10462
18/ 2/76		3	NA	259.37+-	%	1235.06+-	%	4.8	10465
24/ 3/76		3	NA	231.99+-	%	1317.94+-	%	5.7	10468
21/ 4/76		3	34.292	280.46+-	%	1565.47+-	%	5.6	10471
19/ 5/76		3	34.280	299.33+-	%	1687.57+-	%	5.6	10474
16/ 6/76		3	34.248	259.37+-	%	1524.40+-	%	5.9	10477
7/ 7/76		3	34.386	224.22+-	%	1226.92+-	%	5.5	10480
11/ 8/76		3	NA	301.81+-	1.3%	1822.32+-	0.3%	6.0	1701
15/ 9/76		3	33.995	260.22+-	0.7%	1473.45+-	0.2%	5.7	1815
20/10/76		3	33.901	417.77+-	1.0%	2488.55+-	0.3%	6.0	1984
17/11/76		3	33.780	474.86+-	0.8%	2769.01+-	0.2%	5.8	2456
16/12/76		3	33.778	566.10+-	0.7%	3573.39+-	0.2%	6.3	2524
13/ 1/77		3	NA	527.29+-	0.8%	3532.17+-	0.2%	6.7	2626
16/ 2/77		3	33.952	419.65+-	0.8%	2575.90+-	0.2%	6.1	2912
16/ 3/77		3	33.855	337.59+-	1.2%	2110.85+-	0.3%	6.3	3069
22/ 4/77		3	33.427	289.56+-	1.2%	2024.31+-	0.3%	7.0	3266
11/ 5/77		3	34.298	252.38+-	2.7%	1821.81+-	0.3%	7.2	4116
22/ 8/77		3	34.252	241.43+-	2.5%	1720.39+-	0.3%	7.1	4119
19/10/77		3	34.281	232.66+-	1.4%	1769.90+-	0.2%	7.6	4398
9/11/77		3	33.797	243.24+-	3.7%	1882.86+-	0.4%	7.7	4948
14/12/77		3	33.804	262.00+-	1.3%	2088.76+-	0.2%	8.0	4976
15/ 1/78		3	35.331	205.53+-	2.1%	1598.03+-	0.3%	7.8	5528
8/ 3/78		3	34.147	187.44+-	1.6%	1509.08+-	0.2%	8.1	5695
18/ 5/78		3	33.964	182.23+-	1.5%	1620.12+-	0.2%	8.9	6065
14/ 6/78		3	34.130	173.75+-	1.9%	1609.76+-	0.2%	9.3	6111
30/ 8/78		3	34.210	123.99+-	5.3%	1201.69+-	0.5%	9.7	7242
27/ 9/78		3	34.699	69.67+-	8.9%	605.14+-	0.9%	8.7	7243
18/10/78		3	34.537	63.97+-	4.5%	732.41+-	0.4%	11.4	7260
21/ 3/79		3	NA	120.50+-	2.7%	1407.07+-	0.2%	11.7	8154
20/ 4/79		3	NA	97.10+-	6.4%	1213.83+-	0.4%	12.5	8530
23/ 5/79		3	NA	92.26+-	6.5%	932.18+-	0.5%	10.1	8531
20/ 6/79		3	NA	81.43+-	7.4%	976.59+-	0.5%	12.0	8550
4/ 7/79		3	NA	29.81+-	13.5%	305.03+-	1.0%	10.2	8889
19/ 9/79		3	NA	69.70+-	4.5%	982.82+-	0.3%	14.1	9003
24/10/79		3	NA	91.92+-	4.2%	1031.65+-	0.3%	11.2	9087

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs		<sup>137</sup> Cs		Ratio	Sample no.
21/11/79		3	NA	108.38+-	3.6%	1162.34+-	0.3%	10.7	9088
19/12/79		3	NA	85.85+-	6.0%	1167.11+-	0.4%	13.6	9907
Site 46 NEA Weather Ships									
Station 1 Station A				55:15: 0N		5:50: 0W			
15/ 1/75		3	34.622	28.79+-	%	137.27+-	%	4.8	10231
14/ 2/75		3	33.925	197.58+-	%	916.49+-	%	4.6	10236
15/ 3/75		3	34.478	157.25+-	%	724.09+-	%	4.6	10241
15/ 4/75		3	NA	269.36+-	%	1325.71+-	%	4.9	10246
15/ 5/75		3	33.964	259.37+-	%	1193.99+-	%	4.6	10251
15/ 6/75		3	33.281	261.59+-	%	1319.79+-	%	5.0	10256
15/ 7/75		3	34.272	287.49+-	%	1477.04+-	%	5.1	10261
15/ 8/75		3	33.528	321.16+-	%	1687.57+-	%	5.3	10266
15/ 9/75		3	34.494	268.62+-	%	1413.77+-	%	5.3	10271
15/10/75		3	33.949	397.38+-	%	2089.39+-	%	5.3	10276
15/11/75		3	32.766	276.02+-	%	1551.78+-	%	5.6	10281
15/12/75		3	34.215	278.24+-	%	1542.53+-	%	5.5	10286
15/ 1/76		3	34.151	289.71+-	%	1616.16+-	%	5.6	10518
15/ 2/76		3	34.597	117.66+-	%	716.32+-	%	6.1	10523
15/ 3/76		3	NA	332.11+-	0.9%	1994.04+-	0.3%	6.0	1554
15/ 4/76		3	NA	221.26+-	%	1304.99+-	%	5.9	10531
15/ 5/76		3	NA	ND		42.11+-	2.4%		1564
15/ 6/76		3	NA	88.50+-	2.2%	589.26+-	0.4%	6.7	1644
15/ 7/76		3	NA	391.50+-	1.2%	2359.12+-	0.3%	6.0	2203
15/ 8/76		3	NA	179.45+-	1.6%	992.86+-	0.4%	5.5	2208
15/ 9/76		3	NA	191.66+-	2.0%	1251.71+-	0.5%	6.5	2213
15/10/76		3	NA	373.00+-	0.7%	2272.17+-	0.2%	6.1	2725
15/11/76		3	NA	343.88+-	0.6%	2227.88+-	0.2%	6.5	2730
15/12/76		3	NA	423.06+-	0.5%	3015.39+-	0.2%	7.1	2735
6/ 1/77		3	33.576	480.56+-	0.5%	3177.08+-	0.2%	6.6	10000
25/ 2/77		3	33.853	356.01+-	0.6%	2700.30+-	0.2%	7.6	10007
20/ 3/77		3	32.994	352.94+-	0.8%	2492.88+-	0.1%	7.1	10020
12/ 4/77		3	33.878	307.36+-	0.8%	2197.13+-	0.1%	7.1	10025
15/ 5/77		3	32.600	334.44+-	1.0%	2410.44+-	0.1%	7.2	10040
15/ 6/77		3	33.426	227.00+-	0.8%	1687.94+-	0.1%	7.4	10044
15/ 7/77		3	32.502	249.79+-	1.1%	1950.97+-	0.2%	7.8	10048
8/ 8/77		3	33.408	227.29+-	1.7%	1666.85+-	0.3%	7.3	10063
2/ 9/77		3	34.019	252.56+-	1.2%	1893.85+-	0.2%	7.5	10075
21/10/77		3	33.991	263.51+-	1.4%	1969.66+-	0.2%	7.5	10080
15/11/77		3	33.869	207.68+-	1.5%	1652.16+-	0.2%	8.0	10085
2/12/77		3	NA	172.57+-	1.7%	1461.43+-	0.3%	8.5	10089
2/12/77		3	NA	119.73+-	1.7%	922.08+-	0.2%	7.7	10090
2/12/77		3	NA	ND		13.80+-	4.6%		10092
2/12/77		3	NA	17.13+-	5.1%	141.71+-	0.5%	8.3	10091
6/12/77		3	NA	ND		7.40+-	8.3%		10093
31/12/77		3	NA	246.09+-	1.4%	2009.17+-	0.2%	8.2	10094
31/12/77		3	33.075	246.09+-	1.4%	2009.17+-	0.2%	8.2	5664

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
15/ 3/78		3	34.094	197.51+- 1.6%	1644.13+- 0.2%	8.3	5740
5/ 4/78		3	33.621	170.46+- 2.0%	1645.54+- 0.2%	9.7	7218
24/ 5/78		3	33.962	148.07+- 2.0%	1549.86+- 0.2%	10.5	7223
16/ 6/78		3	33.842	157.51+- 2.0%	1551.89+- 0.3%	9.9	7228
12/ 7/78		3	34.134	131.35+- 2.2%	1361.41+- 0.3%	10.4	6331
5/ 8/78		3	34.093	129.09+- 2.1%	1370.11+- 0.3%	10.6	6336
23/ 9/78		3	NA	8.07+-23.9%	112.18+- 1.4%	13.9	7714
19/10/78		3	NA	76.40+- 2.9%	851.81+- 0.3%	11.1	7719
9/11/78		3	NA	53.50+- 3.7%	575.65+- 0.4%	10.8	7724
19/12/78		3	NA	122.47+- 2.3%	1354.35+- 0.3%	11.1	8124
15/ 1/79		3	NA	214.13+- 1.5%	2229.64+- 0.2%	10.4	8501
15/ 2/79		3	NA	159.01+- 1.6%	1836.04+- 0.2%	11.5	8506
16/ 3/79		3	NA	110.86+- 2.3%	1359.85+- 0.2%	12.3	8521
5/ 4/79		3	NA	91.93+- 2.6%	1112.28+- 0.2%	12.1	8516
3/ 5/79		3	NA	115.76+- 2.0%	1330.22+- 0.2%	11.5	8565
27/ 7/79		3	NA	73.88+- 3.0%	958.42+- 0.2%	13.0	8920
24/ 8/79		3	NA	97.16+- 2.5%	1272.17+- 0.2%	13.1	8925
21/ 9/79		3	NA	64.19+- 3.1%	852.36+- 0.3%	13.3	9073
19/10/79		3	NA	73.91+- 2.9%	1064.48+- 0.2%	14.4	9078
9/11/79		3	NA	51.01+- 3.3%	700.21+- 0.2%	13.7	9500
19/12/79		3	NA	85.13+- 2.8%	1166.00+- 0.2%	13.7	9902

Site 46 NEA Weather Ships  
Station 2 Station B

55:27: 0N 6:30: 0W

15/ 1/75		3	34.650	80.29+- %	134.68+- %	1.7	10232
14/ 2/75		3	34.145	102.12+- %	512.08+- %	5.0	10237
15/ 3/75		3	34.170	266.77+- %	1184.74+- %	4.4	10242
15/ 4/75		3	34.412	199.06+- %	913.53+- %	4.6	10247
15/ 5/75		3	34.487	154.66+- %	713.36+- %	4.6	10252
15/ 6/75		3	34.333	145.78+- %	760.72+- %	5.2	10257
15/ 7/75		3	33.354	296.00+- %	1552.89+- %	5.2	10262
15/ 8/75		3	33.958	276.39+- %	1435.60+- %	5.2	10267
15/ 9/75		3	34.594	162.06+- %	823.99+- %	5.1	10272
15/10/75		3	34.942	38.85+- %	199.06+- %	5.1	10277
15/11/75		3	34.090	257.89+- %	1414.14+- %	5.5	10282
15/12/75		3	34.469	227.18+- %	1272.80+- %	5.6	10287
15/ 1/76		3	34.467	166.50+- %	1008.62+- %	6.1	10519
15/ 2/76		3	NA	72.15+- %	462.13+- %	6.4	10524
15/ 3/76		3	NA	208.57+- 0.8%	1168.65+- 0.2%	5.6	1555
15/ 4/76		3	NA	23.05+- %	137.64+- %	6.0	10532
15/ 5/76		3	NA	147.30+- 1.5%	882.64+- 0.4%	6.0	1565
15/ 6/76		3	NA	48.66+- 2.9%	298.18+- 0.5%	6.1	1645
15/ 7/76		3	NA	89.21+- 1.6%	564.29+- 0.3%	6.3	2204
15/ 8/76		3	NA	157.21+- 2.3%	909.50+- 0.5%	5.8	2209
15/ 9/76		3	NA	124.91+- 1.7%	704.44+- 0.4%	5.6	2214
15/10/76		3	NA	266.77+- 0.7%	1695.56+- 0.2%	6.4	2726

**Annex 2 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
15/11/76		3	NA	245.83+- 0.7%	1762.35+- 0.2%	7.2	2731
15/12/76		3	NA	325.75+- 0.6%	2335.07+- 0.2%	7.2	2736
6/ 1/77		3	34.096	331.67+- 0.6%	2196.10+- 0.2%	6.6	10001
25/ 2/77		3	33.873	393.42+- 0.6%	2874.46+- 0.2%	7.3	10008
20/ 3/77		3	33.640	323.53+- 0.8%	2274.50+- 0.1%	7.0	10021
12/ 4/77		3	33.933	233.28+- 0.9%	1629.22+- 0.1%	7.0	10026
15/ 5/77		3	32.675	313.28+- 1.0%	2264.92+- 0.1%	7.2	10041
15/ 6/77		3	33.633	223.78+- 0.8%	1631.55+- 0.1%	7.3	10045
15/ 7/77		3	33.989	124.06+- 1.8%	883.63+- 0.3%	7.1	10049
9/ 8/77		3	33.599	221.11+- 1.7%	1592.74+- 0.3%	7.2	10064
2/ 9/77		3	34.074	186.04+- 1.3%	1392.46+- 0.2%	7.5	10076
21/10/77		3	34.100	173.86+- 1.4%	1273.98+- 0.2%	7.3	10081
15/11/77		3	34.034	141.30+- 1.2%	1059.49+- 0.2%	7.5	10086
31/12/77		3	33.985	227.44+- 1.0%	1828.10+- 0.1%	8.0	5665
31/12/77		3	NA	227.44+- 1.0%	1828.10+- 0.1%	8.0	10095
15/ 3/78		3	34.557	62.57+- 3.5%	599.73+- 0.4%	9.6	5741
6/ 4/78		3	33.930	160.76+- 1.4%	1551.48+- 0.1%	9.7	7219
24/ 5/78		3	33.922	154.70+- 1.4%	1557.96+- 0.1%	10.1	7224
16/ 6/78		3	35.324	70.74+- 2.2%	708.44+- 0.2%	10.0	7229
12/ 7/78		3	34.123	132.50+- 2.1%	1284.82+- 0.3%	9.7	6332
5/ 8/78		3	NA	117.73+- 2.3%	1157.17+- 0.3%	9.8	6337
23/ 9/78		3	NA	27.23+- 7.8%	253.01+- 0.7%	9.3	7715
19/10/78		3	NA	25.57+- 8.6%	250.56+- 0.8%	9.8	7720
9/11/78		3	NA	35.19+- 5.6%	386.83+- 0.5%	11.0	7725
19/12/78		3	NA	247.46+- 1.6%	2753.54+- 0.2%	11.1	8125
15/ 1/79		3	NA	190.27+- 1.2%	2142.23+- 0.1%	11.3	8502
15/ 2/79		3	NA	153.06+- 1.2%	1731.57+- 0.1%	11.3	8507
16/ 3/79		3	NA	61.30+- 3.5%	661.85+- 0.3%	10.8	8522
5/ 4/79		3	NA	86.68+- 2.7%	1077.70+- 0.2%	12.4	8517
3/ 5/79		3	NA	97.23+- 2.3%	1106.32+- 0.2%	11.4	8566
29/ 6/79		3	NA	47.03+- 4.1%	627.94+- 0.3%	13.4	8571
27/ 7/79		3	NA	67.98+- 3.2%	880.64+- 0.3%	13.0	8921
24/ 8/79		3	NA	54.93+- 3.7%	804.08+- 0.3%	14.6	8926
21/ 9/79		3	NA	62.04+- 3.2%	857.84+- 0.3%	13.8	9074
19/10/79		3	NA	59.37+- 3.3%	798.84+- 0.3%	13.5	9079
9/11/79		3	NA	71.74+- 2.6%	1029.84+- 0.2%	14.4	9901
19/12/79		3	NA	60.63+- 2.8%	783.70+- 0.2%	12.9	9903

Site 46 NEA Weather Ships  
Station 3 Station C

55:34: 0N 7:30: 0W

15/ 1/75		3	35.020	ND	21.24+- %		10233
14/ 2/75		3	35.113	ND	29.08+- %		10238
15/ 3/75		3	35.348	42.55+- %	203.50+- %	4.8	10243
15/ 4/75		3	35.159	42.92+- %	197.58+- %	4.6	10248
15/ 5/75		3	34.648	123.58+- %	584.23+- %	4.7	10253
15/ 6/75		3	34.747	111.74+- %	564.25+- %	5.0	10258

**Annex 2 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$		$^{137}\text{Cs}$	Ratio	Sample no.
15/ 7/75		3	35.144	ND		21.02+-	%	10263
15/ 8/75		3	34.942	68.08+-	%	313.02+-	%	4.6 10268
15/ 9/75		3	35.145	22.98+-	%	103.60+-	%	4.5 10273
15/10/75		3	35.112	ND		8.29+-	%	10278
15/11/75		3	34.858	64.75+-	%	344.47+-	%	5.3 10283
15/12/75		3	35.117	ND		31.23+-	%	10288
15/ 1/76		3	35.143	ND		58.83+-	%	10520
15/ 2/76		3	NA	ND		19.91+-	%	10525
15/ 3/76		3	NA	20.46+-	%	116.92+-	%	5.7 10528
15/ 4/76		3	NA	ND		18.13+-	%	10533
15/ 6/76		3	NA	ND		29.12+-	2.4%	1648
15/ 7/76		3	NA	ND		45.14+-	1.4%	2205
15/ 8/76		3	NA	52.65+-	2.2%	322.08+-	0.4%	6.1 2210
15/ 9/76		3	NA	99.53+-	1.1%	623.52+-	0.3%	6.3 2215
15/10/76		3	NA	122.73+-	1.3%	769.01+-	0.3%	6.3 2727
15/11/76		3	NA	19.68+-	6.0%	137.34+-	0.9%	7.0 2732
15/12/76		3	NA	75.15+-	1.5%	521.48+-	0.3%	6.9 2737
6/ 1/77		3	35.017	ND		55.57+-	1.5%	10002
25/ 2/77		3	33.854	363.45+-	0.5%	2675.17+-	0.2%	7.4 10009
20/ 3/77		3	33.698	119.92+-	1.3%	803.42+-	0.2%	6.7 10022
12/ 4/77		3	34.158	150.85+-	1.1%	1031.52+-	0.2%	6.8 10027
15/ 5/77		3	34.636	12.51+-	10.9%	90.39+-	1.0%	7.2 10042
15/ 6/77		3	33.723	194.21+-	1.0%	1463.16+-	0.1%	7.5 10046
15/ 7/77		3	35.390	111.44+-	1.4%	869.94+-	0.2%	7.8 10050
9/ 8/77		3	34.657	28.23+-	7.9%	244.42+-	0.8%	8.7 10065
2/ 9/77		3	34.933	15.65+-	13.2%	79.96+-	1.9%	5.1 10077
22/10/77		3	34.780	35.26+-	2.6%	287.42+-	0.3%	8.2 10082
15/11/77		3	34.071	110.15+-	1.3%	895.66+-	0.2%	8.1 10087
31/12/77		3	NA	207.75+-	1.0%	1738.19+-	0.1%	8.4 10096
31/12/77		3	33.951	207.75+-	1.0%	1738.19+-	0.1%	8.4 5666
15/ 3/78		3	35.082	ND		44.81+-	1.8%	5742
6/ 4/78		3	34.452	25.94+-	5.7%	262.55+-	0.5%	10.1 7220
24/ 5/78		3	33.940	123.25+-	1.5%	1209.53+-	0.2%	9.8 7225
16/ 6/78		3	34.553	300.77+-	0.9%	1533.21+-	0.2%	5.1 7230
12/ 7/78		3	34.018	115.81+-	2.3%	1248.64+-	0.3%	10.8 6333
5/ 8/78		3	NA	31.12+-	3.7%	305.47+-	0.4%	9.8 6338
23/ 9/78		3	33.199	138.42+-	1.2%	1422.32+-	0.1%	10.3 7716
19/10/78		3	34.658	25.68+-	3.4%	261.33+-	0.3%	10.2 7721
10/11/78		3	34.463	38.55+-	2.7%	407.78+-	0.2%	10.6 7726
19/12/78		3	NA	3.51+-	23.7%	76.40+-	0.8%	21.7 8126
15/ 1/79		3	NA	203.32+-	1.2%	2217.77+-	0.1%	10.9 8503
15/ 2/79		3	NA	119.87+-	1.4%	1396.53+-	0.1%	11.7 8508
16/ 3/79		3	NA	65.30+-	1.7%	775.53+-	0.1%	11.9 8523
5/ 4/79		3	NA	73.11+-	1.6%	902.04+-	0.1%	12.3 8518
4/ 5/79		3	NA	75.99+-	1.6%	940.01+-	0.1%	12.4 8567
29/ 6/79		3	NA	ND		45.42+-	0.9%	8572

**Annex 2 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
28/ 7/79		3	NA	34.40+- 2.6%	440.64+- 0.2%	12.8	8922
24/ 8/79		3	NA	ND	11.22+- 3.5%		8927
21/ 9/79		3	NA	28.42+- 4.1%	365.23+- 0.3%	12.8	9075
19/10/79		3	NA	10.50+-11.1%	171.85+- 0.5%	16.4	9080
9/11/79		3	NA	45.33+- 2.8%	676.80+- 0.2%	14.9	9454
19/12/79		3	NA	ND	14.34+- 3.4%		9457
<i>Site 46 NEA Weather Ships</i>							
<i>Station 4 Station D</i>							
				55:55: 0N 10:30: 0W			
15/ 1/75		3	34.749	ND	59.20+- %		10234
14/ 2/75		3	35.310	ND	6.85+- %		10239
15/ 3/75		3	35.226	ND	13.28+- %		10244
15/ 4/75		3	NA	ND	16.65+- %		10249
15/ 5/75		3	35.271	ND	26.34+- %		10254
15/ 6/75		3	35.319	ND	7.62+- %		10259
15/ 7/75		3	35.303	ND	11.25+- %		10264
15/ 8/75		3	35.213	ND	33.82+- %		10269
15/ 9/75		3	34.810	83.62+- %	312.28+- %	3.7	10274
15/10/75		3	35.165	ND	3.55+- %		10279
15/11/75		3	35.146	ND	33.85+- %		10284
15/12/75		3	35.247	ND	6.81+- %		10289
15/ 1/76		3	35.206	ND	15.98+- %		10521
15/ 2/76		3	35.274	ND	12.02+- %		10526
15/ 3/76		3	35.305	ND	14.95+- %		10529
15/ 4/76		3	35.272	ND	20.98+- %		10534
15/ 6/76		3	NA	ND	8.07+- %		10536
15/ 7/76		3	NA	ND	22.35+- 2.4%		2206
15/ 8/76		3	NA	ND	38.70+- 1.4%		2211
15/ 9/76		3	NA	22.79+- 8.4%	160.06+- 1.2%	7.0	2216
15/10/76		3	NA	ND	50.14+- 1.1%		2728
15/11/76		3	NA	ND	11.36+- 4.9%		2733
15/12/76		3	NA	ND	12.36+- 4.5%		2738
7/ 1/77		3	35.366	ND	12.80+- 6.1%		10003
24/ 2/77		3	35.316	ND	15.80+- 4.9%		10006
21/ 3/77		3	35.022	ND	19.20+- 3.2%		10023
15/ 4/77		3	35.049	ND	14.69+- 6.2%		10038
15/ 5/77		3	34.977	ND	37.59+- 2.4%		10043
15/ 6/77		3	34.920	16.43+- 6.3%	120.03+- 0.7%	7.3	10047
15/ 7/77		3	34.961	9.10+- 8.9%	79.07+- 0.8%	8.7	10051
9/ 8/77		3	34.927	9.18+-17.1%	76.33+- 1.6%	8.3	10066
3/ 9/77		3	34.354	13.21+- 6.9%	76.11+- 0.9%	5.8	10078
23/10/77		3	35.217	ND	26.53+- 2.8%		10083
15/11/77		3	35.025	13.47+- 6.3%	114.44+- 0.6%	8.5	10088
1/ 1/78		3	34.907	27.19+- 3.1%	241.83+- 0.3%	8.9	5667
15/ 3/78		3	35.275	ND	11.84+- 3.4%		5743
6/ 4/78		3	35.249	ND	15.61+- 2.6%		7221
24/ 5/78		3	35.294	ND	36.44+- 1.1%		7226

**Annex 2 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
17/ 6/78		3	33.977	76.74+- 1.4%	719.06+- 0.1%	9.4	7231
13/ 7/78		3	35.240	ND	31.56+- 1.3%		6334
5/ 8/78		3	NA	7.36+-13.6%	85.47+- 1.0%	11.6	6339
24/ 9/78		3	35.162	ND	60.05+- 1.0%		7717
19/10/78		3	34.321	ND	44.25+- 2.3%		7722
10/11/78		3	35.232	ND	16.98+- 2.4%		7727
19/12/78		3	NA	ND	14.62+- 2.8%		8127
15/ 1/79		3	NA	ND	27.31+- 1.5%		8504
15/ 2/79		3	NA	ND	9.61+- 4.2%		8509
16/ 3/79		3	NA	ND	21.31+- 1.9%		8524
6/ 4/79		3	NA	ND	33.61+- 1.3%		8519
4/ 5/79		3	NA	ND	54.76+- 0.8%		8568
29/ 6/79		3	NA	ND	16.46+- 2.4%		8573
28/ 7/79		3	NA	20.42+- 4.2%	247.61+- 0.3%	12.1	8923
24/ 8/79		3	NA	19.02+- 4.3%	263.37+- 0.3%	13.8	8928
21/ 9/79		3	NA	ND	33.41+- 1.2%		9076
20/10/79		3	NA	ND	24.17+- 1.6%		9081
9/11/79		3	NA	ND	9.17+- 3.8%		9455
19/12/79		3	NA	ND	5.86+- 6.2%		9458

**Site 46 NEA Weather Ships**

Station 5 Station E

57: 0: 0N 20: 0: 0W

15/ 1/75		3	35.375	ND	8.36+- %		10235
14/ 2/75		3	35.177	ND	19.06+- %		10240
15/ 3/75		3	NA	ND	11.14+- %		10245
15/ 4/75		3	35.152	ND	40.70+- %		10250
15/ 5/75		3	35.209	ND	7.81+- %		10255
15/ 6/75		3	35.078	ND	6.73+- %		10260
15/ 7/75		3	35.171	ND	8.29+- %		10265
15/ 8/75		3	35.099	ND	7.62+- %		10270
15/ 9/75		3	35.085	ND	3.63+- %		10275
15/10/75		3	35.071	ND	7.07+- %		10280
15/11/75		3	35.144	ND	12.84+- %		10285
15/12/75		3	35.226	ND	9.40+- %		10290
15/ 1/76		3	NA	ND	16.32+- %		10522
15/ 2/76		3	35.184	ND	11.21+- %		10527
15/ 3/76		3	35.084	ND	5.07+- %		10530
15/ 4/76		3	35.205	ND	17.76+- %		10535
15/ 6/76		3	NA	ND	8.07+- %		10537
15/ 7/76		3	NA	ND	17.02+- 3.2%		2207
15/ 8/76		3	NA	ND	43.14+- 1.3%		2212
15/ 9/76		3	NA	ND	13.65+- 4.6%		2217
15/10/76		3	NA	ND	43.73+- 1.2%		2729
15/11/76		3	NA	ND	27.42+- 2.1%		2734
15/12/76		3	NA	ND	13.62+- 4.1%		2739
10/ 1/77		3	35.280	ND	4.26+-18.3%		10004

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
22/ 2/77		3	35.236	ND	15.98+- 4.9%		10005
15/ 3/77		3	35.130	ND	5.85+-10.8%		10024
15/ 5/77		3	35.036	ND	4.96+-17.5%		10039
15/ 7/77		3	34.933	ND	6.85+- 8.6%		10052
12/ 8/77		3	34.875	ND	10.88+-11.1%		10067
6/ 9/77		3	35.093	ND	14.76+-10.2%		10079
24/10/77		3	35.159	ND	25.20+- 2.6%		10084
1/ 1/78		3	NA	NA	NA		10464
6/ 1/78		3	35.211	ND	26.53+- 1.6%		5668
15/ 3/78		3	35.193	ND	7.73+- 5.3%		5749
15/ 3/78		3	35.272	ND	15.21+- 2.7%		5744
8/ 4/78		3	35.331	ND	19.94+- 2.0%		7222
26/ 5/78		3	35.250	ND	9.21+- 4.0%		7227
20/ 6/78		3	35.224	ND	21.61+- 1.9%		7232
15/ 7/78		3	35.280	ND	17.80+- 2.5%		6335
7/ 8/78		3	NA	ND	10.58+- 3.8%		6340
28/ 9/78		3	35.168	ND	22.79+- 1.9%		7718
21/10/78		3	35.206	ND	7.07+-10.2%		7723
13/11/78		3	35.284	ND	15.54+- 2.6%		7728
21/12/78		3	NA	ND	9.25+- 4.4%		8128
15/ 1/79		3	NA	ND	17.70+- 2.2%		8505
15/ 2/79		3	NA	ND	6.51+- 5.8%		8510
18/ 3/79		3	NA	ND	15.96+- 2.5%		8525
8/ 4/79		3	NA	ND	26.20+- 1.6%		8520
6/ 5/79		3	NA	ND	13.96+- 2.8%		8569
2/ 7/79		3	NA	ND	24.03+- 1.6%		8574
30/ 7/79		3	NA	ND	6.19+- 6.4%		8924
26/ 8/79		3	NA	ND	7.41+- 5.2%		8929
24/ 9/79		3	NA	9.80+- 8.8%	95.68+- 0.7%	9.8	9077
23/10/79		3	NA	ND	27.08+- 1.5%		9082
11/11/79		3	NA	ND	3.59+- 9.4%		9456
21/12/79		3	NA	ND	8.25+- 4.1%		9459

Site 47 NEA Challenger line

Station 1 Challenger St 1

56:40: 0N 6: 8: 0W

4/ 3/75		3	33.946	54.02+- %	296.00+- %	5.5	10201
4/ 3/75		3	34.539	80.29+- %	388.87+- %	4.8	10334
6/ 5/75		3	34.248	107.30+- %	525.40+- %	4.9	10211
15/ 5/75		3	34.640	103.97+- %	551.67+- %	5.3	10335
15/ 6/75		3	34.513	86.95+- %	470.27+- %	5.4	10336
4/ 7/75		3	34.065	102.86+- %	504.31+- %	4.9	10221
15/ 7/75		3	34.247	103.60+- %	520.96+- %	5.0	10337
26/ 8/75		3	34.190	128.39+- %	692.27+- %	5.4	10291
7/11/75		3	33.980	120.62+- %	682.28+- %	5.7	10301

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
4/ 8/76		3	NA	71.56+- 1.8%	423.21+- 0.4%	5.9	2236
8/10/76		3	NA	76.11+- 1.8%	486.70+- 0.4%	6.4	1986
18/12/76		3	NA	131.83+- 0.8%	880.12+- 0.2%	6.7	2740
8/ 3/77		3	33.940	297.74+- 0.5%	2279.53+- 0.2%	7.7	10010
14/ 4/77		3	34.613	216.34+- 1.7%	1609.17+- 0.3%	7.4	10028
25/ 7/77		3	NA	117.36+- 1.5%	895.99+- 0.2%	7.6	10053
2/ 9/77		3	NA	110.00+- 1.6%	871.68+- 0.2%	7.9	10070
2/ 2/78		3	33.842	85.10+- 1.7%	801.64+- 0.2%	9.4	5669
20/ 4/78		3	33.311	108.30+- 1.3%	1039.33+- 0.1%	9.6	5750
8/ 6/78		3	34.114	103.60+- 1.7%	1045.47+- 0.2%	10.1	6098
11/ 8/78		3	34.239	86.84+- 2.4%	828.69+- 0.3%	9.5	7207
14/ 9/78		3	34.050	76.74+- 2.3%	944.05+- 0.2%	12.3	6341
4/11/78		3	NA	41.63+- 3.1%	514.89+- 0.3%	12.4	7729
17/ 1/79		3	33.709	60.53+- 1.8%	676.72+- 0.1%	11.2	8129
22/ 5/79		3	NA	73.50+- 3.6%	937.26+- 0.3%	12.8	8862
22/ 5/79		3	NA	71.67+- 4.5%	776.03+- 0.4%	10.8	8861
30/ 6/79		3	NA	62.35+- 2.4%	842.75+- 0.2%	13.5	8582
13/ 9/79		3	NA	40.09+- 3.3%	586.63+- 0.2%	14.6	9057
24/10/79		3	NA	37.32+- 3.3%	543.77+- 0.2%	14.6	9090

**Site 47 NEA Challenger line**

Station 2 Challenger St 2

56:41: 0N 6:18: 0W

4/ 3/75		3	34.265	92.50+- %	427.72+- %	4.6	10202
6/ 5/75		3	34.113	82.88+- %	391.83+- %	4.7	10212
4/ 7/75		3	34.520	111.37+- %	564.62+- %	5.1	10222
26/ 8/75		3	34.433	135.79+- %	685.61+- %	5.0	10292
7/11/75		3	34.455	132.46+- %	754.43+- %	5.7	10302
4/ 8/76		3	NA	60.35+- 2.3%	334.29+- 0.5%	5.5	2237
8/10/76		3	NA	100.57+- 1.4%	607.84+- 0.3%	6.0	1987
18/12/76		3	NA	128.46+- 0.8%	832.57+- 0.2%	6.5	2741
8/ 3/77		3	33.848	237.69+- 0.6%	1756.91+- 0.2%	7.4	10011
14/ 4/77		3	34.709	207.75+- 1.1%	1404.04+- 0.1%	6.8	10029
25/ 7/77		3	NA	114.22+- 1.5%	862.54+- 0.2%	7.6	10054
2/ 9/77		3	NA	90.21+- 1.9%	703.92+- 0.2%	7.8	10071
2/ 2/78		3	34.227	93.24+- 1.6%	799.35+- 0.2%	8.6	5670
20/ 4/78		3	33.966	99.57+- 1.4%	939.61+- 0.2%	9.4	6001
8/ 6/78		3	34.271	96.61+- 1.6%	967.88+- 0.2%	10.0	6099
11/ 8/78		3	34.378	68.08+- 2.9%	763.83+- 0.3%	11.2	7208
14/ 9/78		3	34.345	62.23+- 2.5%	759.98+- 0.2%	12.2	6342
4/11/78		3	NA	31.56+- 4.1%	392.46+- 0.3%	12.4	7730
17/ 1/79		3	34.107	167.46+- 1.1%	1755.67+- 0.1%	10.5	8130
22/ 5/79		3	NA	83.31+- 4.3%	958.58+- 0.3%	11.5	8863

**Annex 2 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
22/ 5/79		3	NA	68.22+- 3.6%	877.93+- 0.3%	12.9	8864
21/ 6/79		3	NA	49.25+- 2.1%	662.69+- 0.1%	13.5	8598
30/ 6/79		3	NA	94.03+- 1.7%	891.18+- 0.2%	9.5	8583
13/ 9/79		3	NA	44.42+- 3.0%	569.34+- 0.2%	12.8	9058
29/10/79		3	NA	24.40+- 4.6%	360.68+- 0.3%	14.8	9091
<i>Site 47 NEA Challenger line</i>							
<i>Station 3 Challenger St 3</i>							
				56:44: 0N	6:27: 0W		
4/ 3/75		3	34.922	27.34+- %	128.39+- %	4.7	10203
6/ 5/75		3	34.490	93.61+- %	437.71+- %	4.7	10213
4/ 7/75		3	34.790	85.84+- %	421.43+- %	4.9	10223
26/ 8/75		3	NA	96.94+- %	514.30+- %	5.3	10293
7/11/75		3	34.753	75.48+- %	400.34+- %	5.3	10303
4/ 4/76		3	NA	31.93+- 3.1%	193.21+- 0.5%	6.1	1657
28/ 5/76		3	NA	43.03+- 3.4%	285.97+- 0.5%	6.6	1666
5/ 8/76		3	NA	63.05+- 2.1%	416.77+- 0.4%	6.6	2238
8/10/76		3	NA	65.75+- 2.0%	406.26+- 0.4%	6.2	1988
18/12/76		3	NA	90.10+- 1.1%	615.61+- 0.2%	6.8	2742
8/ 3/77		3	34.015	308.62+- 0.5%	2410.25+- 0.2%	7.8	10012
14/ 4/77		3	34.792	203.43+- 1.2%	1359.49+- 0.2%	6.7	10030
25/ 7/77		3	NA	86.03+- 1.8%	646.50+- 0.2%	7.5	10055
2/ 9/77		3	NA	70.41+- 2.3%	551.60+- 0.3%	7.8	10072
2/ 2/78		3	34.579	58.31+- 2.3%	526.14+- 0.2%	9.0	5671
20/ 4/78		3	34.410	60.49+- 2.0%	562.88+- 0.2%	9.3	6002
9/ 6/78		3	34.558	56.98+- 2.7%	594.52+- 0.3%	10.4	6100
11/ 8/78		3	34.549	57.72+- 2.7%	623.38+- 0.3%	10.8	7209
14/ 9/78		3	34.644	39.48+- 3.8%	474.41+- 0.3%	12.0	6343
4/11/78		3	NA	15.21+- 8.2%	206.72+- 0.5%	13.6	7731
17/ 1/79		3	34.406	136.41+- 1.2%	1505.04+- 0.1%	11.0	8131
22/ 5/79		3	NA	55.22+- 4.3%	688.51+- 0.3%	12.5	8866
22/ 5/79		3	NA	33.14+-10.2%	522.38+- 0.5%	15.8	8865
21/ 6/79		3	NA	47.92+- 2.2%	683.10+- 0.1%	14.3	8599
30/ 6/79		3	NA	49.20+- 2.8%	630.85+- 0.2%	12.8	8584
13/ 9/79		3	NA	30.09+- 4.2%	395.30+- 0.3%	13.1	9059
29/10/79		3	NA	14.22+- 8.1%	254.29+- 0.4%	17.9	9092
<i>Site 47 NEA Challenger line</i>							
<i>Station 4 Challenger St 4</i>							
				56:44: 0N	6:45: 0W		
4/ 3/75		3	34.711	44.03+- %	204.24+- %	4.6	10204
6/ 5/75		3	34.838	114.70+- %	498.02+- %	4.3	10214
4/ 7/75		3	34.876	81.03+- %	399.23+- %	4.9	10224
26/ 8/75		3	35.137	87.32+- %	452.88+- %	5.2	10294
7/11/75		3	34.882	57.72+- %	292.67+- %	5.1	10304

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
4/ 4/76		3	NA	10.51+- 9.7%	87.17+- 1.1%	8.3	1658
5/ 8/76		3	NA	50.65+- 1.8%	286.42+- 0.4%	5.7	2239
8/10/76		3	NA	70.45+- 1.3%	445.92+- 0.3%	6.3	1989
18/12/76		3	NA	62.12+- 1.5%	409.40+- 0.3%	6.6	2743
8/ 3/77		3	34.068	278.24+- 0.5%	2113.33+- 0.2%	7.6	10013
14/ 4/77		3	34.798	213.42+- 1.1%	1425.91+- 0.1%	6.7	10031
25/ 7/77		3	NA	79.25+- 2.0%	600.07+- 0.2%	7.6	10056
2/ 2/78		3	34.675	50.91+- 2.5%	480.08+- 0.3%	9.4	5672
20/ 4/78		3	34.497	61.53+- 1.9%	575.31+- 0.2%	9.3	6003
9/ 6/78		3	34.668	47.62+- 3.2%	464.83+- 0.3%	9.8	6101
12/ 8/78		3	34.600	45.58+- 3.2%	535.43+- 0.3%	11.7	7210
14/ 9/78		3	34.668	36.22+- 3.9%	463.20+- 0.3%	12.8	6344
4/11/78		3	NA	5.48+-22.3%	125.91+- 0.8%	23.0	7732
17/ 1/79		3	34.396	159.22+- 1.1%	1688.91+- 0.1%	10.6	8132
22/ 5/79		3	NA	57.08+- 4.2%	706.56+- 0.3%	12.4	8868
22/ 5/79		3	NA	58.79+- 5.8%	576.94+- 0.5%	9.8	8867
21/ 6/79		3	NA	44.57+- 3.1%	639.37+- 0.2%	14.3	8600
30/ 6/79		3	NA	48.23+- 3.0%	586.20+- 0.2%	12.2	8585
13/ 9/79		3	NA	15.12+- 8.0%	226.95+- 0.5%	15.0	9060
29/10/79		3	NA	10.16+-11.4%	198.01+- 0.5%	19.5	9093
<i>Site 47 NEA Challenger line</i>							
<i>Station 5 Challenger St 5</i>							
				56:44: 0N	7: 0: 0W		
4/ 3/75		3	34.732	88.80+- %	386.28+- %	4.3	10205
6/ 5/75		3	35.130	22.68+- %	119.88+- %	5.3	10215
4/ 7/75		3	34.701	100.64+- %	499.87+- %	5.0	10225
26/ 8/75		3	34.581	101.38+- %	520.96+- %	5.1	10295
7/11/75		3	35.107	ND	64.75+- %		10305
4/ 4/76		3	NA	20.05+- 4.8%	131.87+- 0.7%	6.6	1659
28/ 5/76		3	NA	15.91+- 5.7%	118.81+- 0.7%	7.5	1668
5/ 8/76		3	NA	56.91+- 1.9%	349.39+- 0.4%	6.1	2240
8/10/76		3	NA	39.18+- 2.3%	258.00+- 0.4%	6.6	1990
18/12/76		3	NA	47.73+- 1.9%	304.29+- 0.4%	6.4	2744
8/ 3/77		3	34.148	259.89+- 0.6%	1988.49+- 0.2%	7.7	10014
14/ 4/77		3	34.839	160.51+- 1.3%	1160.62+- 0.2%	7.2	10032
25/ 7/77		3	NA	80.51+- 2.0%	602.36+- 0.2%	7.5	10057
2/ 2/78		3	34.687	51.06+- 2.6%	488.77+- 0.3%	9.6	5673
20/ 4/78		3	34.382	38.15+- 2.5%	350.17+- 0.2%	9.2	6004
9/ 6/78		3	34.842	22.02+- 6.0%	233.32+- 0.5%	10.6	6102
11/ 8/78		3	34.624	49.47+- 3.1%	558.92+- 0.3%	11.3	7211
14/ 9/78		3	34.924	13.91+- 9.4%	218.85+- 0.5%	15.7	6345
4/11/78		3	NA	11.10+-11.0%	121.99+- 0.8%	11.0	7733

**Annex 2 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
17/ 1/79		3	34.550	99.12+- 1.4%	1051.35+- 0.1%	10.6	8133
22/ 5/79		3	NA	37.44+-10.0%	470.04+- 0.6%	12.6	8869
22/ 5/79		3	NA	43.66+- 5.0%	536.20+- 0.4%	12.3	8870
21/ 6/79		3	NA	51.79+- 2.7%	688.03+- 0.2%	13.3	8850
30/ 6/79		3	NA	22.09+- 5.8%	312.40+- 0.4%	14.1	8586
13/ 9/79		3	NA	11.02+-10.6%	225.57+- 0.5%	20.5	9061
29/10/79		3	NA	2.73+-41.6%	75.65+- 1.2%	27.7	9094

**Site 47 NEA Challenger line**

Station 6 Challenger St 6

56:44: 0N 7:20: 0W

4/ 3/75		3	35.153	ND	55.50+- %		10206
6/ 5/75		3	34.972	53.28+- %	235.69+- %	4.4	10216
4/ 7/75		3	34.971	38.48+- %	194.99+- %	5.1	10226
26/ 8/75		3	34.785	67.34+- %	353.72+- %	5.3	10296
7/11/75		3	35.125	ND	30.75+- %		10306
5/ 8/76		3	NA	30.89+- 3.2%	184.67+- 0.6%	6.0	2241
8/10/76		3	NA	34.34+- 2.7%	203.83+- 0.5%	5.9	1993
18/12/76		3	NA	62.60+- 1.4%	397.08+- 0.3%	6.3	2745
8/ 3/77		3	34.287	120.69+- 0.9%	914.83+- 0.2%	7.6	10015
14/ 4/77		3	34.705	160.17+- 1.3%	1084.03+- 0.2%	6.8	10033
25/ 7/77		3	NA	55.65+- 2.6%	390.87+- 0.3%	7.0	10058
2/ 2/78		3	34.879	33.67+- 3.8%	317.83+- 0.4%	9.4	5674
20/ 4/78		3	34.819	19.42+- 4.2%	204.05+- 0.4%	10.5	6005
8/ 6/78		3	34.741	39.15+- 3.4%	407.59+- 0.3%	10.4	6103
11/ 8/78		3	34.768	42.33+- 3.4%	405.41+- 0.3%	9.6	7212
14/ 9/78		3	34.778	28.31+- 4.8%	371.41+- 0.4%	13.1	6346
4/11/78		3	NA	21.64+- 5.7%	266.29+- 0.4%	12.3	7734
17/ 1/79		3	34.349	158.36+- 1.1%	1681.89+- 0.1%	10.6	8134
22/ 5/79		3	NA	30.21+- 7.1%	268.60+- 0.6%	8.9	8872
22/ 5/79		3	NA	25.31+-11.8%	371.50+- 0.6%	14.7	8871
28/ 6/79		3	NA	29.96+- 4.2%	365.38+- 0.3%	12.2	8587
13/ 9/79		3	NA	26.42+- 4.7%	379.98+- 0.3%	14.4	9062
29/10/79		3	NA	10.62+-11.2%	233.15+- 0.5%	22.0	9095

**Site 47 NEA Challenger line**

Station 7 Challenger St 7

56:44: 0N 7:39: 0W

4/ 3/75		3	34.638	ND	56.61+- %		10207
6/ 5/75		3	34.874	31.41+- %	150.22+- %	4.8	10217
4/ 7/75		3	34.876	51.80+- %	252.34+- %	4.9	10227
26/ 8/75		3	35.256	70.67+- %	361.49+- %	5.1	10297
7/11/75		3	35.083	29.23+- %	152.81+- %	5.2	10307
4/ 4/76		3	NA	29.90+- 3.3%	175.93+- 0.6%	5.9	1661
28/ 5/76		3	NA	25.27+- 3.7%	181.89+- 0.5%	7.2	1670

**Annex 2 continued. Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered sea water (Bq m<sup>-3</sup>): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
5/ 8/76		3	NA	35.82+- 2.7%	226.51+- 0.5%	6.3	2242
8/10/76		3	NA	22.57+- 4.1%	130.94+- 0.8%	5.8	1994
18/12/76		3	NA	46.88+- 1.9%	307.88+- 0.4%	6.6	2746
8/ 3/77		3	34.585	125.32+- 0.9%	941.87+- 0.2%	7.5	10016
14/ 4/77		3	NA	185.00+- 1.2%	1279.94+- 0.2%	6.9	10034
25/ 7/77		3	NA	76.33+- 2.0%	551.56+- 0.3%	7.2	10059
2/ 9/77		3	NA	70.78+- 2.4%	536.76+- 0.3%	7.6	10073
2/ 2/78		3	34.656	48.14+- 2.7%	446.37+- 0.3%	9.3	5675
17/ 4/78		3	35.019	67.38+- 1.8%	631.52+- 0.2%	9.4	6006
8/ 6/78		3	34.724	45.14+- 3.3%	435.08+- 0.3%	9.6	6104
11/ 8/78		3	34.769	51.17+- 2.7%	538.13+- 0.3%	10.5	7213
14/ 9/78		3	34.772	28.82+- 5.9%	437.45+- 0.4%	15.2	6347
4/11/78		3	NA	19.13+- 7.3%	200.69+- 0.6%	10.5	7735
16/ 1/79		3	34.749	49.55+- 2.0%	590.87+- 0.2%	11.9	8135
22/ 5/79		3	NA	52.83+- 3.9%	573.16+- 0.3%	10.9	8874
22/ 5/79		3	NA	39.16+- 8.6%	387.42+- 0.7%	9.9	8873
28/ 6/79		3	NA	37.13+- 3.4%	494.99+- 0.2%	13.3	8588
13/ 9/79		3	NA	12.60+- 9.7%	221.16+- 0.5%	17.5	9063
29/10/79		3	NA	14.29+- 9.2%	248.47+- 0.5%	17.4	9096

Site 47 NEA Challenger line  
Station 8 Challenger St 8

56:47: 0N 8: 0: 0W

4/ 3/75		3	35.083	19.98+- %	85.47+- %	4.3	10208
6/ 5/75		3	35.034	27.42+- %	117.29+- %	4.3	10218
4/ 7/75		3	34.916	42.55+- %	219.04+- %	5.1	10228
26/ 8/75		3	34.809	65.86+- %	353.72+- %	5.4	10298
7/11/75		3	35.109	15.65+- %	93.61+- %	6.0	10308
4/ 4/76		3	NA	18.76+- 5.1%	123.25+- 0.7%	6.6	1662
28/ 5/76		3	NA	ND	27.12+- 1.9%		1672
5/ 8/76		3	NA	28.90+- 3.4%	193.29+- 0.6%	6.7	2243
8/10/76		3	NA	26.86+- 3.2%	148.96+- 0.6%	5.5	1995
17/12/76		3	NA	49.84+- 1.9%	353.72+- 0.3%	7.1	2747
8/ 3/77		3	34.724	100.82+- 1.0%	745.48+- 0.2%	7.4	10017
14/ 4/77		3	NA	126.32+- 1.5%	889.78+- 0.2%	7.0	10035
25/ 7/77		3	NA	84.21+- 1.9%	626.67+- 0.2%	7.4	10060
2/ 9/77		3	NA	73.85+- 1.5%	598.14+- 0.2%	8.1	10074
2/ 2/78		3	34.755	45.40+- 2.0%	391.94+- 0.2%	8.6	5676
17/ 4/78		3	34.581	46.29+- 2.3%	407.04+- 0.3%	8.8	6007
8/ 6/78		3	34.853	36.04+- 4.1%	387.50+- 0.4%	10.8	6105
11/ 8/78		3	34.752	39.15+- 3.6%	416.77+- 0.3%	10.6	7214
14/ 9/78		3	34.715	27.05+- 6.8%	419.84+- 0.4%	15.5	6348
4/11/78		3	NA	19.83+- 5.3%	210.42+- 0.4%	10.6	7736

**Annex 2 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
16/ 1/79		3	34.811	56.13+- 1.8%	559.86+- 0.2%	10.0	8136
21/ 5/79		3	NA	36.88+- 5.6%	403.84+- 0.4%	10.9	8876
21/ 5/79		3	NA	42.01+- 7.2%	402.51+- 0.6%	9.6	8875
28/ 6/79		3	NA	35.20+- 3.6%	496.77+- 0.2%	14.1	8589
13/ 9/79		3	NA	9.72+-12.5%	138.83+- 0.7%	14.3	9064
29/10/79		3	NA	7.20+-15.6%	123.86+- 0.8%	17.2	9097

Site 47 NEA Challenger line

Station 9 Challenger St 9

56:53: 0N 8:30: 0W

4/ 3/75		3	35.322	ND	14.84+- %		10209
6/ 5/75		3	35.301	NA	NA		10219
4/ 7/75		3	35.210	ND	42.92+- %		10229
26/ 8/75		3	35.188	ND	54.76+- %		10299
7/11/75		3	NA	ND	59.20+- %		10309
4/ 5/76		3	NA	ND	12.06+- 4.1%		1663
6/ 8/76		3	NA	ND	15.98+- 3.4%		2244
8/10/76		3	NA	20.94+- 7.4%	93.17+- 1.7%	4.4	1996
17/12/76		3	NA	25.57+- 3.3%	165.39+- 0.6%	6.5	2748
8/ 3/77		3	34.928	46.62+- 1.9%	332.78+- 0.4%	7.1	10018
14/ 4/77		3	NA	38.11+- 3.9%	268.32+- 0.4%	7.0	10036
25/ 7/77		3	NA	73.41+- 2.3%	518.30+- 0.3%	7.1	10061
31/ 8/77		3	NA	40.26+- 2.3%	329.26+- 0.2%	8.2	10068
2/ 2/78		3	35.212	ND	50.95+- 1.4%		5677
17/ 4/78		3	34.806	21.68+- 4.0%	226.29+- 0.3%	10.4	6008
8/ 6/78		3	35.216	7.92+-16.4%	83.03+- 1.3%	10.5	6106
11/ 8/78		3	34.822	29.12+- 4.6%	310.50+- 0.4%	10.7	7215
14/ 9/78		3	35.128	10.58+- 9.3%	94.65+- 0.8%	8.9	6349
4/11/78		3	NA	11.69+- 8.9%	149.89+- 0.6%	12.8	7737
16/ 1/79		3	35.158	17.48+- 5.6%	147.36+- 0.5%	8.4	8137
21/ 5/79		3	NA	16.86+-11.8%	202.94+- 0.7%	12.0	8877
27/ 6/79		3	NA	14.01+- 5.8%	193.81+- 0.4%	13.8	8590
13/ 9/79		3	NA	ND	66.43+- 0.7%		9065
29/10/79		3	NA	ND	17.18+- 2.5%		9098

Site 47 NEA Challenger line

Station 10 Challenger St 10

57: 0: 0N 9: 0: 0W

4/ 3/75		3	35.369	ND	11.47+- %		10210
6/ 5/75		3	35.446	ND	13.54+- %		10220
4/ 7/75		3	35.305	ND	14.62+- %		10230
26/ 8/75		3	34.192	ND	21.05+- %		10300
7/11/75		3	35.215	ND	21.09+- %		10310
4/ 5/76		3	NA	ND	8.40+- 6.2%		1664
6/ 8/76		3	NA	ND	29.27+- 1.8%		2245

**Annex 2 continued. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered sea water ( $\text{Bq m}^{-3}$ ): routine offshore sampling, 1975-79**

Collection date	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
8/10/76		3	NA	ND	34.11+- 1.8%		1997
17/12/76		3	NA	ND	40.92+- 1.3%		2749
8/ 3/77		3	35.310	ND	9.66+- 8.2%		10019
14/ 4/77		3	NA	ND	16.84+- 3.6%		10037
25/ 7/77		3	NA	57.61+- 2.6%	400.75+- 0.3%	7.0	10062
31/ 8/77		3	NA	18.02+- 4.9%	168.42+- 0.4%	9.3	10069
2/ 2/78		3	35.293	ND	27.42+- 1.9%		5678
17/ 4/78		3	35.008	ND	55.13+- 0.8%		6009
8/ 6/78		3	35.350	ND	22.09+- 2.8%		6107
10/ 8/78		3	34.937	21.02+- 6.2%	250.01+- 0.5%	11.9	7216
14/ 9/78		3	34.800	12.84+- 6.8%	108.19+- 0.6%	8.4	6350
4/11/78		3	35.275	4.37+-22.0%	85.84+- 0.9%	19.7	7738
16/ 1/79		3	35.302	ND	55.75+- 0.8%		8138
21/ 5/79		3	NA	ND	14.59+- 4.5%		8880
21/ 5/79		3	NA	ND	29.80+- 3.2%		8879
27/ 6/79		3	NA	ND	15.69+- 2.5%		8591
14/ 9/79		3	NA	ND	65.36+- 0.8%		9066
29/10/79		3	NA	ND	21.88+- 1.8%		9099
<i>Site 15 Dounreay</i>							
<i>Station 119 South of Sand Bank</i>							
				58:35:36N	3:45: 8W		
22/10/76		3	NA	16.95+-16.3%	145.34+- 1.9%	8.6	2168

**ANNEX 3. CONCENTRATIONS OF  $^{134}\text{Cs}$  AND  $^{137}\text{Cs}$  IN FILTERED SEA WATER ( $\text{Bq m}^{-3}$ ):  
NON-ROUTINE OFFSHORE SAMPLING, 1975-79**

Annex 3. Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
<i>Site 38 Cirolana</i>									
2008	6/ 2/75	55:14:36N 0:46:48E	66	3	NA	ND	43.29+-	%	10000
2012	7/ 2/75	55:26: 0N 0:32: 0W	62	3	NA	ND	71.04+-	%	10001
2028	10/ 2/75	55:10:18N 5:40:36E	41	3	NA	ND	41.44+-	%	10002
2039	12/ 2/75	52:43:42N 4: 9:24E	21	3	NA	ND	33.52+-	%	10003
2044	13/ 2/75	52:50:12N 3:40: 6E	33	3	NA	ND	22.24+-	%	10004
2050	14/ 2/75	52:49:18N 2:44: 0E	34	3	NA	ND	29.90+-	%	10005
<i>Site 38 Cirolana</i>									
4001	4/ 4/75	51: 4: 0N 1:24: 0E		0	NA	ND	35.41+-	%	10447
<i>Site 38 Cirolana</i>									
7001	6/ 7/75	59:28:30N 2:17:12W		3	34.939	ND	59.57+-	%	10529
7002	6/ 7/75	59:30:48N 3: 3: 6W		3	34.854	ND	72.52+-	%	10530
7003	6/ 7/75	59:23: 0N 4: 0: 0W		3	35.295	ND	10.21+-	%	10531
7004	6/ 7/75	59:17:42N 5: 0: 0W		3	35.304	ND	7.84+-	%	10532
7005	7/ 7/75	59:12:12N 6: 0: 6W		3	35.230	ND	20.72+-	%	10533
7006	7/ 7/75	59: 6: 6N 7: 0: 0W		3	35.410	ND	4.85+-	%	10534
7007	8/ 7/75	57: 7:54N 19:43:18W 920		3	35.143	ND	5.29+-	%	10535
7008	8/ 7/75	55:45:18N 25: 0: 0W 2500		3	34.981	ND	3.37+-	%	10536
7008	8/ 7/75	55:45:18N 25: 0: 0W 2500		1005	34.985	ND	5.51+-	%	10537
7009	9/ 7/75	54:49:48N 27:53:54W		3	34.742	ND	5.18+-	%	10538
7010	10/ 7/75	51:48: 6N 35:59:54W		3	34.657	ND	4.66+-	%	10539
7011	10/ 7/75	49:51: 3N 39:55:15W 4400		3	33.700	ND	7.10+-	%	10540
7011	10/ 7/75	49:51: 3N 39:55:15W 4400		1005	34.997	ND	.63+-	%	10541
7011	10/ 7/75	49:51: 3N 39:55:15W 4400		2005	35.025	ND	2.11+-	%	10542
7015	12/ 7/75	47:23:36N 48:15:12W 172		3	32.624	ND	6.36+-	%	10543
7025	14/ 7/75	54: 6:24N 54:18:18W 188		3	31.750	ND	5.99+-	%	10544

Annex 3. Continued

Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered seawater (Bq m<sup>-3</sup>): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
7025	14/ 7/75	54: 6:25N 54:18:18W	188	175	NA	ND	5.40+-	%	10545
7033	17/ 7/75	45:27:36N 54:45:18W	82	3	32.492	ND	4.37+-	%	10546
7041	19/ 7/75	44:50:30N 57:23:24W	180	3	30.908	ND	8.03+-	%	10547
7046	20/ 7/75	43:24:36N 60:57:24W	92	3	32.128	ND	7.44+-	%	10548
7054	23/ 7/75	46:47:18N 44:59: 0W		3	33.514	ND	6.25+-	%	10549
7055	24/ 7/75	47:11:36N 40: 0:18W	4700	3	34.777	ND	5.99+-	%	10550
7055	24/ 7/75	47:11:36N 40: 0:18W	4700	995	35.080	ND	ND		10551
7055	24/ 7/75	47:11:36N 40: 0:18W	4700	1995	34.959	ND	.15+-	%	10552
7056	25/ 7/75	47:19:24N 27:58:30W	2080	3	NA	ND	6.14+-	%	10553
7056	25/ 7/75	47:19:24N 27:58:30W	2080	995	35.013	ND	1.33+-	%	10554
7056	25/ 7/75	47:19:24N 27:58:30W	2080	2060	34.963	ND	1.11+-	%	10555
7060	27/ 7/75	47:25:12N 14: 0: 0W	4600	3	35.492	ND	5.62+-	%	10556
7061	27/ 7/75	47:55: 0N 12: 0: 0W	3000	3	35.533	ND	6.55+-	%	10557
7062	28/ 7/75	48:31: 0N 10: 0: 0W		3	35.503	ND	7.29+-	%	10558
7063	28/ 7/75	49:11: 0N 8: 0: 0W		3	35.365	ND	6.22+-	%	10559
Site 38 Cirolana									
8001	21/ 8/75	56: 0: 0N 1:30: 0E	78	3	34.947	ND	57.35+-	%	10452
8002	21/ 8/75	57: 0: 0N 2: 0: 0E	88	3	35.066	ND	42.18+-	%	10453
8003	21/ 8/75	58: 0: 0N 3: 0: 0E	76	3	33.552	ND	33.19+-	%	10454
8004	21/ 8/75	58:29:48N 4: 0: 0E	268	3	33.749	ND	29.38+-	%	10455
8004	21/ 8/75	58:29:48N 4: 0: 0E	268	100	35.252	ND	9.84+-	%	10456
8005	21/ 8/75	59: 1: 9N 4:30: 0E	256	3	29.483	ND	41.07+-	%	10457
8005	21/ 8/75	59: 1: 9N 4:30: 0E	256	100	34.936	ND	29.64+-	%	10458
8006	22/ 8/75	59:30: 0N 4:29:57E	252	3	33.472	ND	30.38+-	%	10459
8006	22/ 8/75	59:30: 0N 4:29:57E	252	100	34.927	ND	27.68+-	%	10460
8007	22/ 8/75	60: 0: 0N 4:30: 0E	250	3	32.518	ND	29.60+-	%	10461
8007	22/ 8/75	60: 0: 0N 4:30: 0E	250	100	35.214	ND	7.62+-	%	10462
8008	22/ 8/75	61: 0: 0N 3:59:54E	340	3	33.371	ND	24.98+-	%	10463

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Collection Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
8008	22/ 8/75	61: 0: 0N 3:59:54E	340	100	35.271	ND	6.81+-	%	10464
8010	23/ 8/75	62:30: 0N 5:15: 0E	184	3	32.834	ND	27.23+-	%	10465
8012	23/ 8/75	65: 0: 0N 8:30: 6E	216	3	34.310	ND	21.53+-	%	10466
8014	24/ 8/75	67: 1: 0N 11: 0: 0E	258	3	33.889	ND	25.53+-	%	10467
8016	24/ 8/75	69: 0: 0N 14:50: 0E	168	3	33.911	ND	31.08+-	%	10468
8019	25/ 8/75	71: 0: 0N 21:49:54E	264	3	34.350	ND	23.53+-	%	10469
8021	25/ 8/75	71:11:12N 28:27:42E	252	3	34.058	ND	26.38+-	%	10470
8023	25/ 8/75	72: 0:36N 28:30:12E	284	3	34.882	ND	19.94+-	%	10471
8025	26/ 8/75	73: 2:27N 28:27:15E	300	3	35.002	ND	10.51+-	%	10472
8025	26/ 8/75	73: 1:38N 28:27:10E	300	145	35.082	ND	10.91+-	%	10473
8025	26/ 8/75	73: 1:38N 28:27:10E	300	285	35.112	ND	8.29+-	%	10474
8027	26/ 8/75	74: 0:36N 28:28: 0E	388	3	35.037	ND	9.40+-	%	10475
8028	26/ 8/75	74:30: 0N 29:58:30E	360	3	35.027	ND	10.80+-	%	10476
8028	26/ 8/75	74:30: 0N 29:58:30E	360	160	35.093	ND	9.99+-	%	10477
8028	26/ 8/75	74:30: 0N 29:58:30E	360	310	35.081	ND	8.21+-	%	10478
8030	26/ 8/75	74:28:42N 27:22:18E	388	3	35.026	ND	7.59+-	%	10479
8032	27/ 8/75	74:29:54N 24:59:54E	304	3	34.773	ND	8.14+-	%	10480
8032	27/ 8/75	74:29:54N 24:59:54E	304	150	35.152	ND	9.32+-	%	10481
8032	27/ 8/75	74:29:54N 24:59:54E	304	300	35.055	ND	9.55+-	%	10482
8035	27/ 8/75	74:30:10N 22:36:42E	100	3	34.100	ND	8.44+-	%	10483
8038	27/ 8/75	74:28:12N 19:57: 6E	72	3	33.980	ND	9.88+-	%	10484
8041	28/ 8/75	75: 6: 0N 21:22:15E	46	3	33.806	ND	10.14+-	%	10485
8043	28/ 8/75	75:40: 0N 22:45: 0E	56	3	33.863	ND	10.43+-	%	10486
8046	28/ 8/75	76:22:12N 24:10: 0E	58	3	33.071	ND	6.88+-	%	10487
8049	29/ 8/75	76:20: 0N 20:19:54E	242	3	33.055	ND	7.99+-	%	10488
8051	29/ 8/75	76:19:24N 17:30:15E	236	3	33.593	ND	6.40+-	%	10489
8051	29/ 8/75	76:19:24N 17:30:15E	236	55	34.950	ND	9.66+-	%	10490
8051	29/ 8/75	76:19:24N 17:30:15E	236	105	34.954	ND	6.99+-	%	10491
8053	29/ 8/75	76:19:12N 14:40:45E	500	3	34.938	ND	11.40+-	%	10492
8053	29/ 8/75	76:19:12N 14:40:45E	500	245	35.099	ND	9.29+-	%	10493

## Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
8053	29/ 8/75	76:19:12N 14:40:45E	500	487	35.077	ND	10.06+-	‰	10494
8057	30/ 8/75	76:19: 3N 9:57: 9E	2205	3	35.012	ND	6.03+-	‰	10495
8060	30/ 8/75	76:19:24N 6: 4:24E		3	34.863	ND	6.40+-	‰	10496
8060	30/ 8/75	76:19:24N 6: 4:24E		160	34.889	ND	3.77+-	‰	10497
8060	30/ 8/75	76:19:24N 6: 4:24E		500	34.948	ND	3.48+-	‰	10498
8062	30/ 8/75	77:12:54N 8:57:36E	2120	3	35.026	ND	7.10+-	‰	10499
8064	31/ 8/75	78: 1: 0N 11:39:12E	236	3	33.251	ND	7.18+-	‰	10500
8067	31/ 8/75	77:59:28N 6: 5:46E	2360	3	34.982	ND	7.99+-	‰	10501
8070	1/ 9/75	79: 1:15N 9:50:12E	96	3	33.683	ND	7.40+-	‰	10502
8073	1/ 9/75	78:59: 7N 5:13: 0E	2440	3	34.717	ND	8.88+-	‰	10503
8075	1/ 9/75	79:50: 3N 9:49: 3E	440	3	34.513	ND	6.73+-	‰	10504
8078	2/ 9/75	79:48:54N 5:56: 9E	1180	3	32.890	ND	7.59+-	‰	10505
8081	2/ 9/75	80:40: 4N 9:52: 5E	1370	3	32.081	ND	5.92+-	‰	10506
8108	9/ 9/75	69: 0:26N 13:22:36E	1050	3	NA	ND	9.25+-	‰	10512
8108	9/ 9/75	69: 0:26N 13:22:36E	1380	788	NA	ND	6.25+-	‰	10514
8108	9/ 9/75	69: 0:26N 13:22:36E	1050	1013	NA	ND	1.70+-	‰	10527
8109	10/ 9/75	68: 0: 3N 10:27:36E		3	33.786	ND	28.49+-	‰	10507
8110	10/ 9/75	67: 0:18N 9:25: 6E	410	3	34.782	ND	16.69+-	‰	10508
8111	10/ 9/75	66: 0:15N 7:40:27E		3	34.782	ND	15.06+-	‰	10509
8112	10/ 9/75	65: 0: 0N 6: 0: 0E		3	34.849	ND	9.55+-	‰	10510
8113	10/ 9/75	63:59:34N 4:31: 6E	1380	3	35.059	ND	8.81+-	‰	10511
8113	10/ 9/75	63:59:34N 4:31: 6E	1380	702	NA	ND	3.55+-	‰	10528
8113	10/ 9/75	63:59:34N 4:31: 6E	1380	1365	NA	ND	.56+-	‰	10513
8114	11/ 9/75	63: 0: 0N 4: 0: 0E	1380	3	34.788	ND	12.47+-	‰	10515
8116	11/ 9/75	61: 0: 0N 3: 0: 0E	200	3	35.057	ND	5.00+-	‰	10516
8116	11/ 9/75	61: 0: 0N 3: 0: 0E	200	100	35.301	ND	4.40+-	‰	10517
8117	11/ 9/75	59:59:57N 3:30: 0E	265	3	34.840	ND	9.88+-	‰	10518
8117	11/ 9/75	59:59:57N 3:30: 0E	265	100	34.947	ND	23.42+-	‰	10519
8118	12/ 9/75	59: 0: 0N 2:59:57E		3	34.843	ND	20.28+-	‰	10520
8119	12/ 9/75	58:30: 0N 4:59:57E	286	3	30.478	ND	39.96+-	‰	10521

## Annex 3 Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
8119	12/ 9/75	58:30: 0N	286	50	34.254	ND	43.29+-	%	10522
8119	12/ 9/75	58:30: 0N	286	100	35.047	ND	30.27+-	%	10523
8120	12/ 9/75	58: 0: 0N		3	33.787	ND	27.97+-	%	10524
8121	12/ 9/75	56:59:42N		3	34.802	ND	43.66+-	%	10525
8122	12/ 9/75	55:29:54N		3	34.836	ND	73.63+-	%	10526
Site 38 Cirolana									
9010	7/10/75	37:18:21N	440	3	NA	ND	6.92+-	%	10448
9012	9/10/75	36:12:36N	1830	3	NA	ND	6.51+-	%	10449
9016	12/10/75	35:52:54N	475	3	NA	ND	7.10+-	%	10450
9016	12/10/75	35:52:54N	480	475	NA	ND	1.15+-	%	10451
Site 40 Corella/Dawn Sky									
6028	19/ 4/75	51:58:51N	46	3	NA	39.59+-	223.85+-	%	5.7 10560
6030	19/ 4/75	52: 8: 9N	47	3	NA	41.07+-	292.30+-	%	7.1 10561
6038	20/ 4/75	52:37:15N	49	3	NA	88.06+-	470.64+-	%	5.3 10562
6056	21/ 4/75	54:18:30N	16	3	NA	2634.03+-	10718.90+-	%	4.1 10563
6058	21/ 4/75	54: 6:33N	40	3	NA	1577.31+-	6641.50+-	%	4.2 10564
6059	21/ 4/75	53:52: 3N	43	3	NA	826.58+-	3729.60+-	%	4.5 10565
6062	22/ 4/75	53:37:42N	33	3	NA	1885.89+-	8269.50+-	%	4.4 10566
6073	23/ 4/75	53:20:54N	23	3	NA	1308.69+-	5627.70+-	%	4.3 10567
6091	26/ 4/75	50:13: 0N	70	3	NA	ND	38.85+-	%	10568
6092	26/ 4/75	50:15: 0N	50	3	NA	ND	29.64+-	%	10569
6093	27/ 4/75	50:16: 0N	51	3	NA	ND	30.82+-	%	10570
6094	27/ 4/75	50:18: 0N	45	3	NA	ND	27.82+-	%	10571
6095	27/ 4/75	50:20: 0N	30	3	NA	ND	49.21+-	%	10572
6096	27/ 4/75	50:33:12N	35	3	NA	ND	25.90+-	%	10573
6097	27/ 4/75	50:45: 0N	40	3	NA	ND	72.52+-	%	10574

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
6098	27/ 4/75	51: 0: 0N	58	3	NA	ND	15.87+-	%	10575
6099	27/ 4/75	51:10: 0E	37	3	NA	ND	67.34+-	%	10576
6100	27/ 4/75	51:15: 0E	27	3	NA	ND	68.08+-	%	10577
6101	27/ 4/75	51:30: 0E	49	3	NA	ND	48.47+-	%	10578
6102	27/ 4/75	51:30: 0E	30	3	NA	19.61+-	%	3.8	10579
6103	27/ 4/75	51:30: 0E	24	3	NA	ND	42.55+-	%	10580
6104	27/ 4/75	51:49: 0E	28	3	NA	ND	56.24+-	%	10581
6105	27/ 4/75	52: 0: 0E	34	3	NA	ND	59.20+-	%	10582
6106	27/ 4/75	52: 0: 0E	24	3	NA	ND	53.28+-	%	10583
6107	27/ 4/75	52:15: 0E	29	3	NA	ND	62.16+-	%	10584
6108	28/ 4/75	52:15: 0E	37	3	NA	ND	59.94+-	%	10585
6109	28/ 4/75	52:15: 0E	38	3	NA	ND	28.86+-	%	10586
6110	28/ 4/75	52:15:27N	28	3	NA	ND	41.44+-	%	10587
Site 40 Corella/Dawn Sky									
7080	11/ 5/75	52:51:48N	12	3	NA	ND	67.34+-	%	10588
7082	12/ 5/75	52:54:12N	27	3	NA	ND	35.48+-	%	10589
7083	12/ 5/75	52:55: 0E	27	3	NA	ND	41.07+-	%	10590
7084	12/ 5/75	52:57: 6N	38	3	NA	ND	58.83+-	%	10591
7093	12/ 5/75	52:37:24N	33	3	NA	10.99+-	%	11.2	10592
7094	13/ 5/75	52:37:30N	29	3	NA	ND	64.01+-	%	10593
7095	13/ 5/75	52:37:45N	26	3	NA	ND	49.21+-	%	10594
7097	13/ 5/75	52:37:57N	18	3	NA	ND	44.03+-	%	10595
7099	13/ 5/75	52:18: 0E	18	3	NA	ND	53.28+-	%	10596
7111	14/ 5/75	51:39: 0E	28	3	NA	ND	61.42+-	%	10597
7112	14/ 5/75	51:44: 9N	40	3	NA	ND	50.69+-	%	10598
7119	14/ 5/75	51:45: 0E	22	3	NA	ND	65.12+-	%	10599
7122	14/ 5/75	51:22:30N	20	3	NA	11.10+-	%	7.5	10600
7123	14/ 5/75	51:22: 9N		3	NA	8.18+-	%	9.5	10601

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
Site 40 Corella/Dawn Sky									
11001	10/ 7/75	52:24: 4N	22	3	33.868	6.99+-	77.70+-	11.1	10701
11002	10/ 7/75	52: 0: 0N	25	3	33.959	4.29+-	74.00+-	17.2	10702
11003	10/ 7/75	51:30: 0N	30	3	33.693	ND	54.02+-		10703
11004	10/ 7/75	51: 0: 0N	28	3	33.874	ND	69.19+-		10704
11005	11/ 7/75	50:30: 0N	44	3	34.825	ND	21.79+-		10705
11006	11/ 7/75	50:23: 0N	42	3	34.757	ND	20.09+-		10706
11007	11/ 7/75	50:16: 0N	53	3	34.951	ND	66.60+-		10707
11008	11/ 7/75	50: 9: 0N	62	3	35.094	ND	18.98+-		10708
11009	11/ 7/75	50: 2: 5N	73	3	35.037	ND	10.03+-		10709
11010	12/ 7/75	49:55: 0N	82	3	35.085	ND	8.44+-		10710
11011	12/ 7/75	50: 0: 0N	83	3	35.388	ND	7.51+-		10711
11012	12/ 7/75	50:30: 0N	83	3	35.221	ND	7.62+-		10712
11013	12/ 7/75	51: 0: 0N	90	3	35.035	ND	30.38+-		10713
11013	12/ 7/75	51: 0: 0N	90	3	35.207	ND	14.87+-		10714
11014	12/ 7/75	51: 0: 0N	66	3	35.152	ND	8.14+-		10715
11015	12/ 7/75	51:30: 0N	57	3	35.305	ND	46.62+-		10716
11016	12/ 7/75	51:41: 2N	57	3	34.400	ND	56.98+-		10717
11017	13/ 7/75	52: 0: 0N	70	3	34.651	ND	50.69+-		10718
11018	13/ 7/75	52: 8: 0N	90	3	34.782	ND	34.45+-		10719
11020	13/ 7/75	52:17: 5N	36	3	34.320	53.65+-	330.78+-	6.2	10720
11021	13/ 7/75	52:16: 8N	77	3	34.711	ND	51.80+-		10721
11022	13/ 7/75	52:15: 5N	24	3	33.953	49.95+-	341.51+-	6.8	10722
11023	13/ 7/75	52:35: 0N	16	3	33.542	56.24+-	331.15+-	5.9	10723
11024	13/ 7/75	52:35: 0N	38	3	34.187	56.61+-	322.27+-	5.7	10724
11024	13/ 7/75	52:35: 0N	38	34	34.232	52.54+-	331.52+-	6.3	10725
11025	14/ 7/75	52:35: 0N	73	3	34.405	38.11+-	202.39+-	5.3	10726
11026	14/ 7/75	52:35: 0N	67	3	34.260	91.02+-	503.20+-	5.5	10727
11027	14/ 7/75	53: 4: 0N	16	3	34.033	204.24+-	1074.48+-	5.3	10728

Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
11028	14/ 7/75	53: 4: 0N 5:23: 0W	82	3	34.132	173.16+-	944.61+-	%	5.5 10729
11028	14/ 7/75	53: 4: 0N 5:23: 0W	82	75	34.233	176.49+-	932.77+-	%	5.3 10730
11029	14/ 7/75	53: 4: 0N 4:58: 0W	56	3	34.153	122.47+-	661.19+-	%	5.4 10731
11030	14/ 7/75	53: 4: 0N 4:31: 0W	23	3	34.203	89.17+-	472.12+-	%	5.3 10732
11030	14/ 7/75	53: 4: 0N 4:31: 0W	23	18	34.158	80.66+-	457.69+-	%	5.7 10733
11031	14/ 7/75	53:20: 0N 4:48: 0W	81	3	34.098	199.06+-	1160.69+-	%	5.8 10802
11032	14/ 7/75	53:34: 0N 4:57: 3W	56	3	34.043	150.96+-	862.10+-	%	5.7 10803
11033	14/ 7/75	53:34: 0N 5:31: 0W	108	3	33.966	265.29+-	1443.00+-	%	5.4 10804
11033	14/ 7/75	53:34: 0N 5:31: 0W	108	100	34.026	200.91+-	1252.45+-	%	6.2 10805
11034	14/ 7/75	53:34: 0N 5:55: 0W	36	3	33.942	287.49+-	1577.68+-	%	5.5 10806
11035	14/ 7/75	53:54: 0N 6: 0: 0W	34	3	33.981	299.33+-	1690.16+-	%	5.6 10807
11036	15/ 7/75	53:54: 0N 5:32: 3W	111	3	33.989	301.55+-	1624.30+-	%	5.4 10808
11036	15/ 7/75	53:54: 0N 5:32: 3W	111	102	34.046	201.28+-	1190.66+-	%	5.9 10809
11037	15/ 7/75	53:54: 0N 4:57: 3W	50	3	34.013	212.75+-	1308.32+-	%	6.1 10810
11038	15/ 7/75	53:44: 0N 4:23: 0W	50	3	33.923	264.55+-	1546.97+-	%	5.8 10811
11038	15/ 7/75	53:44: 0N 4:23: 0W	50	45	33.912	269.36+-	1443.37+-	%	5.4 10812
11039	15/ 7/75	53:34: 0N 4: 7: 0W	42	3	33.709	425.50+-	2219.26+-	%	5.2 10813
11040	15/ 7/75	53:24: 0N 3:50: 0W	20	3	32.839	1639.84+-	8143.70+-	%	5.0 10814
11041	15/ 7/75	53:34: 0N 3:34: 0W	35	3	32.964	1478.52+-	7144.70+-	%	4.8 10815
11042	15/ 7/75	53:38: 0N 3:15: 0W	21	3	32.678	1924.74+-	9309.20+-	%	4.8 10816
11043	15/ 7/75	53:44: 0N 3:15: 0W	20	3	32.849	2273.65+-	11018.60+-	%	4.8 10817
11044	15/ 7/75	53:44: 0N 3:50: 0W	42	3	33.381	900.21+-	4606.50+-	%	5.1 10818
11045	15/ 7/75	53:37: 5N 4: 8: 0W	44	3	33.891	239.02+-	1550.67+-	%	6.5 10819
11046	15/ 7/75	53:54: 0N 3:34: 0W	24	3	33.158	1845.93+-	11281.30+-	%	6.1 10820
11047	15/ 7/75	53:54: 0N 3:15: 0W	19	3	33.131	2202.98+-	13035.10+-	%	5.9 10821
11048	16/ 7/75	54: 4: 0N 3:24: 0W	23	3	33.174	1926.22+-	11721.60+-	%	6.1 10822
11049	16/ 7/75	54: 4: 0N 3:50: 0W	48	3	33.365	1251.34+-	6212.30+-	%	5.0 10823
11050	16/ 7/75	54: 4: 0N 4:23: 0W	40	3	33.914	352.24+-	1934.73+-	%	5.5 10824
11051	16/ 7/75	54:14: 3N 4: 7: 0W	25	3	33.403	1099.64+-	5553.70+-	%	5.1 10825
11052	16/ 7/75	54:16:30N 3:42:30W	34	3	33.230	2801.64+-	13604.90+-	%	4.9 10826

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
11053	16/ 7/75	54:13:36N	17	3	33.120	5313.20+-	% 24760.40+-	%	4.7 10827
11053	16/ 7/75	54:13:36N	17	13	33.113	5309.50+-	% 24878.80+-	%	4.7 10828
11054	16/ 7/75	54:19: 0N	17	3	33.084	9682.90+-	% 44548.00+-	%	4.6 10829
11054	16/ 7/75	54:19: 0N	17	13	33.075	8957.70+-	% 40515.00+-	%	4.5 10830
11055	16/ 7/75	54:19: 2N	25	3	33.169	5276.20+-	% 24405.20+-	%	4.6 10831
11055	16/ 7/75	54:19: 2N	25	21	33.171	4776.70+-	% 21992.80+-	%	4.6 10832
11056	16/ 7/75	54:21: 5N	42	3	33.000	8384.20+-	% 38665.00+-	%	4.6 10833
11056	16/ 7/75	54:21: 5N	42	37	33.372	4173.60+-	% 19332.50+-	%	4.6 10834
11057	16/ 7/75	54:21: 5N	33	3	33.155	10223.10+-	% 46916.00+-	%	4.6 10835
11057	16/ 7/75	54:21: 5N	33	30	NA	3962.70+-	% 18329.80+-	%	4.6 10836
11058	16/ 7/75	54:25: 3N	28	3	33.162	12328.40+-	% 57276.00+-	%	4.6 10837
11058	16/ 7/75	54:25: 3N	28	25	33.233	3699.63+-	% 17319.70+-	%	4.7 10838
11059	16/ 7/75	54:21:34N	33	3	33.229	3936.80+-	% 17945.00+-	%	4.6 10839
11059	16/ 7/75	54:21:34N	33	30	33.239	3406.22+-	% 15580.70+-	%	4.6 10840
11060	16/ 7/75	54:23: 8N	28	3	33.098	10352.60+-	% 46953.00+-	%	4.5 10841
11060	16/ 7/75	54:23: 8N	28	25	33.227	3292.63+-	% 15355.00+-	%	4.7 10842
11061	16/ 7/75	54:21: 7N	21	3	33.060	9971.50+-	% 45510.00+-	%	4.6 10843
11061	16/ 7/75	54:21: 7N	21	17	33.108	7925.40+-	% 36685.50+-	%	4.6 10844
11062	16/ 7/75	54:23: 9N	19	3	33.056	18130.00+-	% 81289.00+-	%	4.5 10853
11062	16/ 7/75	54:23: 9N	19	15	33.057	14818.50+-	% 66008.00+-	%	4.5 10854
11063	16/ 7/75	54:23:35N	22	3	33.017	22895.60+-	% 102416.00+-	%	4.5 10845
11063	16/ 7/75	54:23:35N	22	20	33.110	9916.00+-	% 46287.00+-	%	4.7 10846
11064	16/ 7/75	54:25: 3N	18	3	33.026	46324.00+-	% 208162.00+-	%	4.5 10847
11064	16/ 7/75	54:25: 3N	18	16	NA	12561.50+-	% 57498.00+-	%	4.6 10848
11065	16/ 7/75	54:26: 2N	17	3	33.088	39479.00+-	% 108669.00+-	%	2.8 10849
11065	16/ 7/75	54:26: 2N	17	13	33.084	20775.50+-	% 92944.00+-	%	4.5 10850
11066	16/ 7/75	54:28: 2N	18	3	33.005	34406.30+-	% 153994.00+-	%	4.5 10851
11066	16/ 7/75	54:28: 2N	18	15	33.109	14515.10+-	% 67451.00+-	%	4.6 10852
11067	17/ 7/75	54:32: 5N	20	3	33.022	8121.50+-	% 37555.00+-	%	4.6 10855
11067	17/ 7/75	54:32: 5N	20	20	33.004	7474.00+-	% 34073.30+-	%	4.6 10856

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
11068	17/ 7/75	54:44: 0N	16	3	32.952	2040.18+-	9771.70+-	4.8	10857
11069	17/ 7/75	54:35: 7N	48	3	33.359	1324.23+-	7004.10+-	5.3	10858
11070	17/ 7/75	54:34: 0N	47	3	33.588	954.60+-	4832.20+-	5.1	10859
11070	17/ 7/75	54:34: 0N	47	44	33.600	996.41+-	4946.90+-	5.0	10860
11072	17/ 7/75	54:25: 0N	33	3	33.999	474.71+-	2497.50+-	5.3	10861
11073	17/ 7/75	54:25: 0N	133	3	34.004	381.84+-	2013.54+-	5.3	10862
11073	17/ 7/75	54:25: 0N	133	130	34.006	310.06+-	1673.88+-	5.4	10863
11074	17/ 7/75	54:25: 0N	93	3	33.984	336.70+-	1717.54+-	5.1	10864
11075	17/ 7/75	54:32:30N	44	3	34.099	337.44+-	1637.99+-	4.9	10865
11076	17/ 7/75	54:35: 0N	140	3	33.929	338.18+-	1767.12+-	5.2	10866
11076	17/ 7/75	54:35: 0N	140	137	33.974	328.56+-	1710.88+-	5.2	10867
11077	17/ 7/75	54:39: 0N	26	3	33.831	520.96+-	2637.73+-	5.1	10868
11079	17/ 7/75	55: 0: 0N	137	3	33.890	545.01+-	2760.57+-	5.1	10869
11079	17/ 7/75	55: 0: 0N	137	128	34.079	361.49+-	1867.76+-	5.2	10870
11081	18/ 7/75	55:30: 0N	90	3	34.096	205.35+-	1091.50+-	5.3	10734
11082	18/ 7/75	55:30: 0N	52	3	34.298	199.43+-	1001.22+-	5.0	10735
11082	18/ 7/75	55:30: 0N	52	48	34.624	101.75+-	506.16+-	5.0	10736
11085	18/ 7/75	56: 0: 0N	64	3	34.580	138.38+-	703.37+-	5.1	10737
11085	18/ 7/75	56: 0: 0N	64	64	35.012	45.14+-	229.03+-	5.1	10738
11086	18/ 7/75	56:33: 0N	30	3	34.496	132.83+-	659.71+-	5.0	10739
11086	18/ 7/75	56:33: 0N	30	27	34.538	117.29+-	619.01+-	5.3	10740
11087	18/ 7/75	57: 0: 0N	126	3	34.894	77.70+-	393.31+-	5.1	10741
11087	18/ 7/75	57: 0: 0N	126	123	35.163	25.57+-	122.47+-	4.8	10742
11088	18/ 7/75	57:30: 0N	191	3	34.607	92.50+-	491.36+-	5.3	10743
11088	18/ 7/75	57:30: 0N	191	143	35.011	41.44+-	220.15+-	5.3	10744
11089	19/ 7/75	57:54: 0N	127	3	34.713	56.61+-	275.28+-	4.9	10745
11090	19/ 7/75	58:10: 0N	40	3	34.890	22.57+-	116.55+-	5.2	10746
11096	19/ 7/75	58:30: 0N	92	3	34.937	31.86+-	133.20+-	4.2	10747
11096	19/ 7/75	58:30: 0N	92	88	35.082	15.80+-	82.88+-	5.2	10748
11097	19/ 7/75	58:30: 0N	104	3	34.900	13.02+-	108.41+-	8.3	10749

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
11097	19/ 7/75	58:30: 0N	104	99	34.990	12.95+-	% 82.14+-	% 6.3	10750
11098	19/ 7/75	58:39: 0N	40	3	34.691	25.79+-	% 149.48+-	% 5.8	10751
11099	19/ 7/75	58:45: 0N	86	3	34.926	22.42+-	% 119.88+-	% 5.3	10752
11100	20/ 7/75	59: 0: 0N	79	3	34.976	22.57+-	% 88.80+-	% 3.9	10753
11100	20/ 7/75	59: 0: 0N	79	76	35.148	ND	% 40.70+-	%	10754
11101	20/ 7/75	59:30: 0N	142	3	35.284	ND	% 9.36+-	%	10755
11101	20/ 7/75	59:30: 0N	142	140	35.295	ND	% 11.21+-	%	10756
11102	20/ 7/75	59:30: 0N	134	3	35.176	ND	% 22.02+-	%	10757
11103	20/ 7/75	59: 0: 0N	64	3	34.773	15.80+-	% 85.84+-	% 5.4	10758
11103	20/ 7/75	59: 0: 0N	64	59	34.853	15.24+-	% 74.00+-	% 4.9	10759
11104	20/ 7/75	58:45: 0N	87	3	34.682	96.57+-	% 169.83+-	% 1.8	10760
11105	20/ 7/75	58:37: 0N	45	3	34.645	22.16+-	% 128.02+-	% 5.8	10761
11106	20/ 7/75	58:36: 6N	48	3	34.608	16.72+-	% 125.80+-	% 7.5	10871
11107	20/ 7/75	58:35:30N	40	3	34.604	18.72+-	% 138.01+-	% 7.4	10872
11108	20/ 7/75	58:37: 0N	58	3	34.606	28.71+-	% 121.73+-	% 4.2	10873
11111	20/ 7/75	58:45: 0N	88	3	34.722	16.39+-	% 99.16+-	% 6.0	10762
11111	20/ 7/75	58:45: 0N	88	84	34.925	ND	% 64.38+-	%	10763
11112	20/ 7/75	59: 0: 0N	80	3	34.773	19.09+-	% 110.63+-	% 5.8	10764
11113	20/ 7/75	59:15: 0N	94	3	34.945	ND	% 70.67+-	%	10765
11113	20/ 7/75	59:15: 0N	94	91	34.957	ND	% 56.98+-	%	10766
11114	20/ 7/75	59:30: 0N	136	3	35.202	ND	% 25.27+-	%	10767
11114	20/ 7/75	59:30: 0N	136	130	35.180	ND	% 25.01+-	%	10768
11115	21/ 7/75	59:30: 0N	74	3	34.871	9.92+-	% 76.22+-	% 7.7	10769
11116	21/ 7/75	59:30: 0N	74	3	34.855	11.03+-	% 81.77+-	% 7.4	10770
11116	21/ 7/75	59:30: 0N	74	72	34.855	ND	% 72.89+-	%	10771
11117	21/ 7/75	59:30: 0N	100	3	35.103	ND	% 30.64+-	%	10772
11119	21/ 7/75	59:15: 0N	100	3	35.199	ND	% 18.02+-	%	10773
11119	21/ 7/75	59:15: 0N	100	97	35.228	ND	% 13.73+-	%	10774
11120	21/ 7/75	59: 0: 0N	76	3	35.067	ND	% 36.33+-	%	10775
11120	21/ 7/75	59: 0: 0N	76	72	35.096	ND	% 34.41+-	%	10776

**Annex 3. Continued**  
**Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79**

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
11121	21/ 7/75	59: 0: 0N	71	3	34.932	ND	59.94+-	%	10777
11122	21/ 7/75	58:45: 0N	74	3	35.016	ND	59.94+-	%	10778
11122	21/ 7/75	58:45: 0N	74	69	35.068	ND	36.63+-	%	10779
11123	21/ 7/75	58:30: 0N	60	3	34.926	ND	61.79+-	%	10780
11124	21/ 7/75	58:30: 0N	78	3	34.923	ND	59.20+-	%	10781
11125	21/ 7/75	58:30: 0N	100	3	35.066	ND	32.89+-	%	10782
11125	21/ 7/75	58:30: 0N	100	96	35.188	ND	21.02+-	%	10783
11126	21/ 7/75	58:15: 0N	57	3	34.932	ND	56.24+-	%	10784
11127	22/ 7/75	58: 0: 0N	61	3	34.878	ND	55.87+-	%	10785
11127	22/ 7/75	58: 0: 0N	61	57	34.950	ND	56.24+-	%	10786
11128	22/ 7/75	57:45: 0N	58	3	34.571	ND	64.01+-	%	10787
11129	22/ 7/75	57:45: 0N	26	3	34.565	ND	63.64+-	%	10788
11130	22/ 7/75	57:45: 0N	106	3	34.331	ND	62.90+-	%	10789
11130	22/ 7/75	57:45: 0N	106	101	34.912	ND	59.57+-	%	10790
11131	22/ 7/75	57:45: 0N	48	3	34.534	ND	65.12+-	%	10791
11132	22/ 7/75	57:45: 0N	83	3	34.792	ND	58.46+-	%	10792
11132	22/ 7/75	57:45: 0N	83	78	34.921	ND	56.98+-	%	10793
11133	22/ 7/75	57:30: 0N	99	3	34.863	ND	59.20+-	%	10794
11134	22/ 7/75	57: 0: 0N	66	3	34.636	ND	68.82+-	%	10795
11135	22/ 7/75	56:30: 0N	68	3	34.604	10.36+-	78.81+-	%	10796
11136	23/ 7/75	56: 0: 0N	69	3	34.802	ND	65.86+-	%	10797
11137	23/ 7/75	55:30: 0N	65	3	34.651	9.55+-	81.77+-	%	10798
11138	23/ 7/75	55: 0: 0N	71	3	34.524	9.77+-	78.81+-	%	10799
11139	23/ 7/75	54:30: 0N	60	3	34.522	6.36+-	77.33+-	%	10800
11140	23/ 7/75	54: 0: 0N	44	3	34.647	ND	67.34+-	%	10801
<b>Site 40 Corella/Dawn Sky</b>									
13001	5/ 9/75	55:30: 0N	0E	3	34.832	17.32+-	106.56+-	%	6.2 10642
13002	5/ 9/75	56: 0: 0N	0E	3	34.809	12.51+-	91.02+-	%	7.3 10643

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
13003	5/ 9/75	58: 0: 0N	90	3	35.074	ND	27.23+-	%	10644
13003	5/ 9/75	58: 0: 0N	90	50	35.182	ND	21.72+-	%	10645
13003	5/ 9/75	58: 0: 0N	90	86	35.211	ND	35.11+-	%	10646
13004	5/ 9/75	58:30: 0N		3	35.098	ND	46.25+-	%	10647
13005	5/ 9/75	59: 0: 0N		3	34.938	21.83+-	110.26+-	%	5.1 10648
13006	6/ 9/75	59: 0: 0N		3	35.001	17.35+-	83.62+-	%	4.8 10649
13007	6/ 9/75	59: 0: 0N		3	35.170	ND	15.73+-	%	10650
13008	6/ 9/75	59:30: 0N		3	35.208	ND	13.28+-	%	10651
13012	6/ 9/75	60: 0: 0N		3	35.150	ND	12.17+-	%	10652
13015	6/ 9/75	60:25: 0N		3	35.196	ND	20.61+-	%	10675
13018	7/ 9/75	60:35:24N		3	35.226	ND	9.07+-	%	10676
13020	7/ 9/75	60:55: 0N		3	35.236	ND	8.73+-	%	10677
13025	7/ 9/75	61: 1: 0N		3	35.209	ND	14.84+-	%	10678
13028	7/ 9/75	60:24:48N		3	35.155	ND	38.11+-	%	10679
13033	8/ 9/75	60:13:30N		3	35.191	ND	26.45+-	%	10680
13038	8/ 9/75	59:55: 0N		3	35.226	ND	14.62+-	%	10653
13041	8/ 9/75	59:55: 0N		3	35.113	ND	58.46+-	%	10654
13044	8/ 9/75	59:55: 6N		3	35.206	ND	17.76+-	%	10655
13046	8/ 9/75	59:44:42N		3	35.222	ND	11.58+-	%	10656
13062	9/ 9/75	59:30: 6N		3	35.085	ND	59.20+-	%	10657
13062	9/ 9/75	59:30: 6N		58	35.207	ND	47.36+-	%	10658
13062	9/ 9/75	59:30: 6N		84	35.121	ND	51.80+-	%	10659
13064	9/ 9/75	59:25: 0N		3	34.966	18.24+-	129.13+-	%	7.1 10660
13066	9/ 9/75	59:25: 0N		3	35.036	20.98+-	98.05+-	%	4.7 10661
13068	9/ 9/75	59:24:30N		3	35.196	9.21+-	20646.00+-	%	241.0 10662
13070	10/ 9/75	59:15: 0N		3	34.976	24.09+-	135.42+-	%	5.6 10663
13074	10/ 9/75	58:55: 0N		3	34.913	34.45+-	170.94+-	%	5.0 10664
13076	10/ 9/75	58:45:12N		3	34.809	37.37+-	174.27+-	%	4.7 10681
13078	10/ 9/75	58:35: 0N	45	3	34.713	41.81+-	231.62+-	%	5.5 10682
13079	10/ 9/75	58:35:48N	60	3	34.648	43.29+-	251.97+-	%	5.8 10683

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
13081	10/ 9/75	58:56: 0N	56	3	34.895	31.60+-	177.60+-	5.6	10684
13083	10/ 9/75	59:15:12N	100	3	35.195	ND	31.93+-		10685
13089	11/ 9/75	58:46: 0N		3	34.950	35.00+-	204.61+-	5.8	10686
13091	11/ 9/75	59: 5: 0N	54	3	35.006	24.57+-	143.19+-	5.8	10687
13100	11/ 9/75	59: 3:42N	85	3	35.169	ND	37.00+-		10688
13102	11/ 9/75	58:45: 0N	115	3	35.035	31.49+-	167.24+-	5.3	10689
13103	11/ 9/75	58:45: 0N	113	3	35.108	19.09+-	96.94+-	5.1	10690
13105	11/ 9/75	59: 1:36N	102	3	35.122	11.47+-	81.77+-	7.1	10691
13106	12/ 9/75	58:54:48N	124	3	35.211	ND	37.37+-		10692
13108	12/ 9/75	58:35: 0N	84	3	35.005	35.33+-	186.48+-	5.3	10693
13112	12/ 9/75	58:25: 0N	106	3	35.010	35.08+-	194.62+-	5.5	10694
13114	12/ 9/75	58:15: 0N	122	3	34.949	38.11+-	210.53+-	5.5	10695
13115	13/ 9/75	58:15: 0N	100	3	34.876	39.59+-	224.59+-	5.7	10696
13116	13/ 9/75	58:25:42N	68	3	34.681	57.72+-	293.78+-	5.1	10697
13117	13/ 9/75	58:40: 0N	64	3	34.728	45.14+-	261.22+-	5.8	10698
13120	13/ 9/75	58:37: 0N	63	3	34.758	42.92+-	231.99+-	5.4	10699
13121	13/ 9/75	58:35:30N	36	3	34.708	71.41+-	1151.44+-	16.1	10700
13122	13/ 9/75	58:38: 0N	74	3	34.954	23.64+-	94.35+-	4.0	10665
13123	14/ 9/75	58:30: 0N	65	3	34.942	21.35+-	94.72+-	4.4	10666
13124	14/ 9/75	58: 0: 0N	63	3	NA	14.73+-	82.51+-	5.6	10667
13125	14/ 9/75	58: 0: 0N	84	3	34.964	17.61+-	96.94+-	5.5	10668
13126	14/ 9/75	57:30: 0N	76	3	34.924	ND	73.63+-		10674
13127	14/ 9/75	57: 0: 0N	65	3	34.865	ND	63.27+-		10669
13128	14/ 9/75	56:30: 0N	118	3	34.864	ND	62.90+-		10670
13129	14/ 9/75	56: 0: 0N	164	3	34.782	ND	63.27+-		10671
13137	15/ 9/75	55:30: 0N	104	3	34.674	7.77+-	82.88+-	10.7	10672
13138	15/ 9/75	55: 0: 0N	76	3	34.532	14.10+-	87.69+-	6.2	10673

## Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
Site 40 Corella/Dawn Sky									
14001	25/ 9/75	57: 0:48N	88	3	35.004	ND	45.14+-	%	10602
14001	25/ 9/75	57: 0:48N	88	50	35.009	ND	51.06+-	%	10603
14001	25/ 9/75	57: 0:48N	88	85	35.066	ND	46.25+-	%	10604
14002	25/ 9/75	57: 0: 0N	86	3	35.079	ND	33.56+-	%	10605
14003	25/ 9/75	57:30: 0N	85	3	35.040	ND	24.09+-	%	10606
14004	26/ 9/75	58: 0: 0N	130	3	35.130	ND	16.32+-	%	10607
14005	26/ 9/75	58: 0: 0N	140	3	34.938	ND	34.78+-	%	10608
14006	26/ 9/75	58:29:45N	144	3	34.864	ND	43.66+-	%	10609
14006	26/ 9/75	58:29:45N	144	50	34.898	ND	41.44+-	%	10610
14006	26/ 9/75	58:29:45N	144	100	35.106	ND	36.37+-	%	10611
14007	26/ 9/75	58:30: 0N	142	3	35.102	ND	26.79+-	%	10612
14008	26/ 9/75	59: 0: 0N	158	3	35.151	ND	17.61+-	%	10613
14009	26/ 9/75	59: 0: 0N	189	3	34.991	ND	30.49+-	%	10614
14010	27/ 9/75	60: 0: 0N	123	3	35.211	ND	8.69+-	%	10615
14011	27/ 9/75	60: 0: 0N	98	3	35.144	ND	8.03+-	%	10616
14012	27/ 9/75	60: 0: 0N	110	3	34.976	ND	11.54+-	%	10617
14012	27/ 9/75	60: 0: 0N	110	50	35.123	ND	5.66+-	%	10618
14012	27/ 9/75	60: 0: 0N	110	105	35.264	ND	6.85+-	%	10619
14013	27/ 9/75	59: 0: 0N	115	3	34.523	ND	21.24+-	%	10620
14014	27/ 9/75	58:30: 0N	88	3	34.872	ND	44.40+-	%	10621
14015	27/ 9/75	58: 0: 0N	86	3	34.857	ND	42.92+-	%	10622
14016	28/ 9/75	57: 0: 0N	66	3	34.425	ND	37.37+-	%	10623
14017	28/ 9/75	57: 0: 0N	60	3	34.187	ND	32.26+-	%	10624
14018	28/ 9/75	58: 0: 0N	133	3	NA	ND	32.82+-	%	10625
14019	28/ 9/75	58: 0: 0N	296	3	32.711	ND	42.55+-	%	10626
14020	28/ 9/75	57:30: 0N	87	3	33.163	ND	33.82+-	%	10627
14021	28/ 9/75	57:30: 0N	203	3	32.288	ND	41.07+-	%	10628
14022	29/ 9/75	58: 0: 0N	204	3	31.255	ND	37.74+-	%	10629

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
14022	29/ 9/75	58: 0: 0N	204	5	34.849	ND	25.64+-	%	10630
14022	29/ 9/75	58: 0: 0N	204	100	35.077	ND	23.75+-	%	10631
14023	29/ 9/75	57:40: 6N	320	3	31.943	ND	38.48+-	%	10632
14023	29/ 9/75	57:40: 6N	320	50	34.911	ND	29.56+-	%	10633
14023	29/ 9/75	57:40: 6N	320	100	35.118	ND	24.09+-	%	10634
14024	29/ 9/75	57: 0: 0N	44	3	34.634	ND	46.25+-	%	10635
14025	30/ 9/75	56: 0: 0N	47	3	34.946	ND	59.94+-	%	10636
14026	30/ 9/75	55:30: 0N	46	3	34.864	ND	66.97+-	%	10637
14027	30/ 9/75	55:30: 0N	34	3	34.793	ND	72.89+-	%	10638
14028	30/ 9/75	56: 0: 0N	59	3	34.837	ND	72.52+-	%	10639
14029	30/ 9/75	56: 0: 0N	75	3	34.883	ND	66.97+-	%	10640
14030	30/ 9/75	55:30: 0N	42	3	34.407	ND	65.49+-	%	10641

Site 17 WA Sea Trip

1001	22/ 6/76	54:39:24N		3	NA	3584.56+-	%	22388.70+-	%	6.2	10412
1001	22/ 6/76	54:39:24N		11	NA	3284.12+-	%	22003.90+-	%	6.7	10413
1002	22/ 6/76	54:38:18N		3	NA	3428.79+-	%	21141.80+-	%	6.2	10414
1002	22/ 6/76	54:38:18N		11	NA	4399.30+-	%	27246.80+-	%	6.2	10415
1003	23/ 6/76	54:36:48N		3	NA	6434.30+-	%	38776.00+-	%	6.0	10416
1003	23/ 6/76	54:36:48N		11	NA	6127.20+-	%	35164.80+-	%	5.7	10417
1004	23/ 6/76	54:34:30N		3	NA	6271.50+-	%	35072.30+-	%	5.6	10418
1004	23/ 6/76	54:34:30N		11	NA	5287.30+-	%	31035.60+-	%	5.9	10419
1005	23/ 6/76	54:32:21N		3	NA	7030.00+-	%	39442.00+-	%	5.6	10420
1005	23/ 6/76	54:32:21N		11	NA	5439.00+-	%	32208.50+-	%	5.9	10421
1006	23/ 6/76	54:30:48N		3	NA	8036.40+-	%	47138.00+-	%	5.9	10422
1006	23/ 6/76	54:30:48N		11	NA	6234.50+-	%	38036.00+-	%	6.1	10423
1007	23/ 6/76	54:28:42N		3	NA	5908.90+-	%	32537.80+-	%	5.5	10424
1007	23/ 6/76	54:28:42N		11	NA	5964.40+-	%	33111.30+-	%	5.6	10425
1008	23/ 6/76	54:26:24N		3	NA	21208.40+-	%	115181.00+-	%	5.4	10426

## Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
1008	23/ 6/76	54:26:24N		11	NA	8476.70+-	51023.00+-	%	6.0 10427
1009	23/ 6/76	54:28:39N		3	NA	16990.40+-	95016.00+-	%	5.6 10428
1009	23/ 6/76	54:28:39N		11	NA	1449.29+-	5912.60+-	%	4.1 10429
Site 23 RV Cruise									
664	31/ 7/76	57:59:36N	1: 0:18W	3	35.062	8.77+-	74.00+-	9.1% 1.0%	8.4 2478
667	1/ 8/76	58:30:15N	2:29:21W	3	34.830	17.69+-	131.79+-	4.7% 0.6%	7.5 2479
685	3/ 8/76	58:45: 0N	4: 0:12W	3	34.826	17.09+-	109.11+-	6.7% 1.0%	6.4 2480
689	3/ 8/76	58:30: 0N	5:29:54W	3	34.795	27.23+-	180.60+-	4.3% 0.7%	6.6 2481
691	3/ 8/76	57:59:36N	6: 0: 0W	3	34.835	13.99+-	97.75+-	8.2% 1.1%	7.0 2482
692	4/ 8/76	57:30: 0N	7: 0: 0W	3	34.799	36.22+-	240.09+-	3.3% 0.5%	6.6 2483
694	4/ 8/76	56:38:36N	7: 4:36W	3	34.727	42.66+-	289.75+-	2.8% 0.5%	6.8 2484
694	4/ 8/76	56:38:36N	7: 4:36W	70	35.008	16.32+-	97.98+-	7.0% 1.1%	6.0 2485
701	5/ 8/76	57: 0:24N	9: 0: 0W	3	35.190	ND	12.99+-	5.0%	2487
708	6/ 8/76	57:59:48N	8:59:48W	3	35.190	ND	5.25+-	12.0%	2488
711	6/ 8/76	58:20:18N	6:59:54W	3	34.964	ND	80.81+-	0.9%	2489
729	7/ 8/76	59:15: 6N	3:59:48W	3	35.188	ND	13.21+-	4.9%	2490
733	8/ 8/76	59:15:12N	6: 0: 0W	3	35.163	ND	19.28+-	3.4%	2491
733	8/ 8/76	59:15:12N	6: 0: 0W	90	35.193	ND	28.53+-	2.3%	2492
735	8/ 8/76	59:30:24N	6:59:48W	3	35.190	ND	4.85+-	13.0%	2493
738	8/ 8/76	59:30: 6N	4: 0: 0W	3	35.052	ND	53.65+-	1.3%	2494
743	9/ 8/76	59:30: 0N	0:59:48W	3	35.240	ND	13.91+-	4.7%	2495
825	26/ 8/76	64:30: 0N	10: 0: 0E	3	32.543	ND	17.69+-	3.7%	2496
829	30/ 8/76	63: 0: 0N	7: 0: 0E	3	33.656	ND	15.73+-	4.1%	2497
834	31/ 8/76	61: 0: 6N	4:15:18E	3	32.709	ND	22.57+-	2.0%	2498
838	1/ 9/76	58:59:48N	3:30: 6E	3	33.025	ND	26.31+-	1.8%	2499
841	1/ 9/76	58:29:30N	3:29:48E	3	32.870	ND	33.00+-	1.4%	2502
842	1/ 9/76	58: 0: 0N	2:58:48E	3	34.638	11.10+-	83.88+-	7.0% 0.9%	7.6 2503

## Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
Site 38 Cirolana									
1001	2/ 1/76	53:19:36N	1: 0: 48E	3	34.560	ND	62.90+-	%	10000
1002	3/ 1/76	52:45:48N	2: 1: 24E	3	34.567	ND	67.71+-	%	10001
1003	3/ 1/76	52:30: 0N	2: 1: 0E	3	34.318	ND	66.60+-	%	10002
1004	3/ 1/76	52: 0: 0N	1: 51: 24E	3	34.421	ND	62.90+-	%	10003
1005	3/ 1/76	51:30: 0N	1: 45: 12E	3	34.644	ND	45.88+-	%	10004
1006	3/ 1/76	51: 0: 0N	1: 19: 36E	3	34.528	ND	39.22+-	%	10005
1007	3/ 1/76	50:30: 0N	0: 0: 0E	3	35.004	ND	38.48+-	%	10006
1008	3/ 1/76	50:23:54N	1: 0: 0W	3	35.012	ND	30.01+-	%	10007
1009	4/ 1/76	50:16: 0N	2: 0: 0W	3	35.121	ND	60.68+-	%	10008
1010	4/ 1/76	50: 9: 0N	3: 0: 0W	3	35.178	ND	16.58+-	%	10009
1011	4/ 1/76	50: 2: 30N	4: 0: 0W	3	35.230	ND	10.51+-	%	10010
1012	4/ 1/76	49:55: 0N	5: 0: 0W	3	35.237	ND	7.99+-	%	10011
1013	4/ 1/76	50: 0: 0N	5: 0: 0W	3	35.211	ND	8.58+-	%	10012
1014	4/ 1/76	50:30: 0N	6: 0: 0W	3	35.198	ND	8.40+-	%	10013
1015	4/ 1/76	51: 0: 0N	7: 0: 0W	3	35.189	ND	14.73+-	%	10014
1015	4/ 1/76	51: 0: 0N	7: 0: 0W	88	35.189	ND	9.88+-	%	10015
1016	4/ 1/76	50:59:54N	5:59:12W	3	35.134	ND	11.21+-	%	10016
1017	4/ 1/76	51: 0: 0N	4:59:54W	3	35.032	ND	19.98+-	%	10017
1017	4/ 1/76	51: 0: 0N	4:59:54W	61	34.996	ND	17.65+-	%	10018
1018	5/ 1/76	51:30: 0N	5: 0: 0W	51	34.735	22.13+-	130.61+-	%	10019
1019	5/ 1/76	51:30: 0N	6: 0: 0W	3	34.934	ND	52.91+-	%	10020
1019	5/ 1/76	51:30: 0N	6: 0: 0W	89	35.039	ND	49.21+-	%	10021
1020	5/ 1/76	51:30: 0N	7: 0: 0W	3	34.973	ND	38.11+-	%	10022
1021	5/ 1/76	51:29:45N	8: 0: 3W	3	34.998	ND	27.49+-	%	10023
1021	5/ 1/76	51:29:45N	8: 0: 3W	76	NA	ND	29.19+-	%	10024
1022	5/ 1/76	52: 0: 0N	7: 0: 0W	3	34.941	ND	34.34+-	%	10025
1023	5/ 1/76	52: 0: 6N	6: 0: 21W	3	34.757	26.38+-	175.38+-	%	10026
1023	5/ 1/76	52: 0: 6N	6: 0: 21W	87	34.747	30.97+-	177.23+-	%	10027

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
1024	5/ 1/76	52: 0: 0N	77	3	34.721	41.07+-	249.38+-	%	6.1 10028
1024	5/ 1/76	52: 0: 0N	77	67	34.724	41.81+-	252.34+-	%	6.0 10029
1025	5/ 1/76	52: 8:18N		3	34.776	31.41+-	203.13+-	%	6.5 10030
1026	5/ 1/76	52:17:30N	49	3	34.719	14.95+-	83.25+-	%	5.6 10031
1026	5/ 1/76	52:17:30N	49	39	34.710	12.58+-	75.11+-	%	6.0 10032
1027	6/ 1/76	52:17:30N		3	34.577	73.63+-	447.70+-	%	6.1 10033
1028	6/ 1/76	52:17:30N		3	33.723	42.55+-	276.76+-	%	6.5 10034
1029	6/ 1/76	52:35: 0N		3	33.620	115.81+-	861.73+-	%	7.4 10035
1030	6/ 1/76	52:35: 0N	51	3	34.242	145.78+-	1042.66+-	%	7.2 10036
1030	6/ 1/76	52:35: 0N	51	41	34.268	136.53+-	944.98+-	%	6.9 10037
1031	6/ 1/76	52:34:54N		3	34.367	81.03+-	651.20+-	%	8.0 10038
1032	6/ 1/76	52:35: 0N		3	34.273	103.23+-	751.47+-	%	7.3 10039
1033	6/ 1/76	53: 4: 0N		3	34.173	159.84+-	1123.32+-	%	7.0 10040
1034	6/ 1/76	53: 4: 0N	95	3	34.187	167.98+-	1171.05+-	%	7.0 10041
1034	6/ 1/76	53: 4: 0N	95	89	NA	158.36+-	1161.06+-	%	7.3 10042
1035	6/ 1/76	53: 4: 0N	59	3	34.397	80.29+-	695.23+-	%	8.7 10043
1035	6/ 1/76	53: 4: 0N	59	53	34.375	101.38+-	692.27+-	%	6.8 10044
1036	6/ 1/76	53: 4: 0N		3	33.502	461.39+-	2827.91+-	%	6.1 10045
1037	6/ 1/76	53:19: 0N	51	3	33.976	315.98+-	2060.90+-	%	6.5 10046
1037	6/ 1/76	53:19: 0N	51	45	33.978	308.58+-	1957.67+-	%	6.3 10047
1038	6/ 1/76	53:34: 0N	93	3	33.840	341.51+-	2167.83+-	%	6.3 10048
1038	6/ 1/76	53:34: 0N	93	87	33.916	308.21+-	2018.35+-	%	6.5 10049
1038	6/ 1/76	53:34: 0N	93	87	NA	324.31+-	2063.53+-	0.2%	80
1039	6/ 1/76	53:34: 0N	65	3	33.974	421.06+-	2433.49+-	%	5.8 10050
1039	6/ 1/76	53:34: 0N	65	3	33.986	408.11+-	2493.06+-	%	6.1 10051
1040	6/ 1/76	53:34: 0N		3	34.106	200.17+-	1395.64+-	%	7.0 10052
1041	7/ 1/76	53:54: 0N		3	34.049	214.97+-	1388.24+-	%	6.5 10053
1042	7/ 1/76	53:54:18N	105	3	34.036	357.42+-	2135.27+-	%	6.0 10054
1042	7/ 1/76	53:54:18N	105	99	34.067	328.19+-	2163.39+-	%	6.6 10055
1043	7/ 1/76	53:54: 6N	81	3	33.992	376.66+-	2407.22+-	%	6.4 10056

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
1043	7/ 1/76	53:54: 6N	81	75	NA	388.50+-	2352.46+-	%	6.1 10057
1044	7/ 1/76	54: 4: 0N	42	3	33.984	417.36+-	2601.47+-	%	6.2 10058
1044	7/ 1/76	54: 4: 0N	42	36	33.980	402.19+-	2496.02+-	%	6.2 10059
1045	7/ 1/76	53:54: 0N	52	3	33.905	484.70+-	3004.77+-	%	6.2 10060
1045	7/ 1/76	53:54: 0N	52	44	33.892	522.81+-	3046.95+-	%	5.8 10061
1046	7/ 1/76	53:45: 0N	45	3	33.763	695.97+-	4007.10+-	%	5.8 10062
1046	7/ 1/76	53:45: 0N	45	37	33.767	652.68+-	3818.40+-	%	5.9 10063
1047	7/ 1/76	53:44: 0N	45	3	33.264	1817.07+-	10052.90+-	%	5.5 10064
1047	7/ 1/76	53:44: 0N	45	39	33.285	1766.38+-	9764.30+-	%	5.5 10065
1048	7/ 1/76	53:40:30N	25	3	33.427	1041.92+-	5838.60+-	%	5.6 10066
1049	7/ 1/76	53:34: 0N	25	3	33.720	583.49+-	3579.01+-	%	6.1 10067
1049	7/ 1/76	53:34: 0N	25	19	33.708	572.02+-	3416.21+-	%	6.0 10068
1050	7/ 1/76	53:24: 0N	25	3	32.903	1298.33+-	7485.10+-	%	5.8 10069
1050	7/ 1/76	53:24: 0N	25	19	32.828	1297.22+-	7577.60+-	%	5.8 10070
1051	7/ 1/76	53:34: 0N	35	3	32.626	1702.00+-	9575.60+-	%	5.6 10071
1051	7/ 1/76	53:34: 0N	35	29	32.771	1783.03+-	10015.90+-	%	5.6 10072
1052	7/ 1/76	53:38: 3N	22	3	31.089	2396.49+-	13220.10+-	%	5.5 10073
1052	7/ 1/76	53:38: 3N	22	16	30.956	2301.77+-	12476.40+-	%	5.4 10074
1053	7/ 1/76	53:54: 3N	22	3	31.428	3157.21+-	16731.40+-	%	5.3 10075
1053	7/ 1/76	53:54: 3N	22	16	31.467	3512.04+-	18788.60+-	%	5.3 10076
1055	7/ 1/76	53:54: 0N	45	3	33.595	1205.09+-	6467.60+-	%	5.4 10077
1055	7/ 1/76	53:54: 0N	45	39	33.600	1155.88+-	6493.50+-	%	5.6 10078
1056	7/ 1/76	54: 4: 0N	55	3	33.503	1346.06+-	7710.80+-	%	5.7 10079
1056	7/ 1/76	54: 4: 0N	55	47	33.567	1356.79+-	7248.30+-	%	5.3 10080
1057	7/ 1/76	54:14: 0N	25	3	33.667	923.52+-	5279.90+-	%	5.7 10081
1057	7/ 1/76	54:14: 0N	25	17	33.705	983.46+-	5594.40+-	%	5.7 10082
1058	8/ 1/76	54:23: 0N	26	3	33.677	741.11+-	4173.60+-	%	5.6 10085
1058	8/ 1/76	54:23: 0N	26	19	33.671	758.50+-	4184.70+-	%	5.5 10086
1059	8/ 1/76	54:31:36N	47	3	33.719	774.04+-	4284.60+-	%	5.5 10087
1059	8/ 1/76	54:31:36N	47	40	33.733	721.87+-	4169.90+-	%	5.8 10088

## Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
1060	8/ 1/76	54:43: 0N	29	3	32.746	757.39+-	4347.50+-	%	5.7 10089
1060	8/ 1/76	54:43: 0N	29	23	33.342	677.84+-	3918.30+-	%	5.8 10090
1061	8/ 1/76	54:37: 0N	18	3	32.385	2948.16+-	15214.40+-	%	5.2 10091
1061	8/ 1/76	54:37: 0N	18	9	32.072	1638.73+-	8854.10+-	%	5.4 10092
1063	8/ 1/76	54:37:48N		3	32.953	1162.54+-	6634.10+-	%	5.7 10093
1064	8/ 1/76	54:37: 0N		3	32.837	1961.74+-	9997.40+-	%	5.1 10094
1065	8/ 1/76	54:36: 6N	29	3	32.754	1507.75+-	8147.40+-	%	5.4 10095
1068	13/ 1/76	54:33:30N		3	33.393	2945.20+-	15595.50+-	%	5.3 10101
1070	13/ 1/76	54:31:24N		3	33.509	2066.82+-	10915.00+-	%	5.3 10102
1071	13/ 1/76	54:26:42N		3	33.144	2053.50+-	11040.80+-	%	5.4 10103
1072	12/ 1/76	54:26:42N		3	32.909	3711.10+-	19569.30+-	%	5.3 10104
1074	12/ 1/76	54:12:54N		3	32.635	4081.10+-	21959.50+-	%	5.4 10105
1076	12/ 1/76	54: 3:42N		3	32.085	4491.80+-	23247.10+-	%	5.2 10106
1078	12/ 1/76	54: 5:18N		3	32.049	4532.50+-	23739.20+-	%	5.2 10107
1081	12/ 1/76	54:12:12N		3	32.134	4369.70+-	23328.50+-	%	5.3 10108
1083	12/ 1/76	54:19: 6N		3	32.678	5727.60+-	29444.60+-	%	5.1 10109
1087	12/ 1/76	54:29:48N		3	32.662	5002.40+-	26188.60+-	%	5.2 10110
1089	12/ 1/76	54:25:12N		3	32.320	4118.10+-	21497.00+-	%	5.2 10111
1091	12/ 1/76	54:20:42N		3	31.944	4321.60+-	22255.50+-	%	5.1 10112
1093	12/ 1/76	54:16: 0N		3	31.789	4321.60+-	22488.60+-	%	5.2 10113
1095	12/ 1/76	54:11:24N		3	31.270	4058.90+-	21526.60+-	%	5.3 10114
1097	12/ 1/76	54: 6:30N		3	31.253	3999.70+-	20701.50+-	%	5.2 10115
1111	9/ 1/76	54:20: 0N	17	3	32.689	6397.30+-	32286.20+-	%	5.0 10116
1111	9/ 1/76	54:20: 0N	17	16	32.879	5387.20+-	27243.10+-	%	5.1 10117
1113	9/ 1/76	54:24: 0N	19	3	32.255	6534.20+-	33562.70+-	%	5.1 10118
1113	9/ 1/76	54:24: 0N	19	15	NA	3466.16+-	17763.70+-	%	5.1 10119
1113	9/ 1/76	54:24: 0N	19	19	32.956	NA	NA		10120
1114	12/ 1/76	54:26:30N	22	3	32.669	4406.70+-	22747.60+-	%	5.2 10123
1115	8/ 1/76	54:28:30N	22	3	32.342	16798.00+-	85729.00+-	%	5.1 10124
1115	8/ 1/76	54:28:30N	22	17	32.643	9509.00+-	48988.00+-	%	5.2 10125

Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
1116	13/ 1/76	54:39: 0N	4:38: 0W	3	33.671	2809.41+-	% 15073.80+-	% 5.4	10126
1117	13/ 1/76	54:27: 0N	4:41: 0W	3	33.953	604.95+-	% 3378.84+-	% 5.6	10127
1118	13/ 1/76	54:14:18N	4:44: 0W	3	34.103	423.28+-	% 2657.34+-	% 6.3	10128
1119	13/ 1/76	54:14:12N	5: 7:12W	112	34.091	356.31+-	% 2222.22+-	% 6.2	10129
1120	13/ 1/76	54:14:18N	5:31: 0W	3	33.882	354.83+-	% 2177.82+-	% 6.1	10130
1121	13/ 1/76	54:32:30N	5:24:30W	3	33.823	370.74+-	% 2194.10+-	% 5.9	10131
1122	13/ 1/76	54:35: 0N	5:12:30W	3	34.186	287.12+-	% 1730.12+-	% 6.0	10132
1123	13/ 1/76	54:39: 0N	4:57:30W	3	34.108	368.89+-	% 2382.43+-	% 6.5	10133
1124	13/ 1/76	55: 0: 0N	5:32: 0W	141	34.146	251.97+-	% 1602.10+-	% 6.4	10134
1124	13/ 1/76	55: 0: 0N	5:32: 0W	141	34.582	78.44+-	% 623.82+-	% 8.0	10135
1125	13/ 1/76	55:25: 0N	6: 8: 0W	112	33.774	142.82+-	% 1001.96+-	% 7.0	10136
1126	13/ 1/76	55:30: 0N	7: 0: 0W	3	34.634	110.26+-	% 637.88+-	% 5.8	10140
1127	13/ 1/76	56: 0: 0N	7:15: 0W	115	34.955	ND	% 38.85+-	%	10141
1128	13/ 1/76	56:30: 0N	7:20: 0W	3	35.192	41.44+-	% 202.02+-	% 4.9	10142
1129	13/ 1/76	56:44: 0N	7: 0: 0W	141	34.927	57.35+-	% 325.23+-	% 5.7	10143
1129	13/ 1/76	56:44: 0N	7: 0: 0W	141	35.134	18.72+-	% 98.42+-	% 5.3	10144
1130	14/ 1/76	57:30: 0N	6:50: 0W	136	34.490	67.34+-	% 372.22+-	% 5.5	10146
1131	14/ 1/76	58: 0: 0N	5:52: 0W	91	34.696	49.21+-	% 278.98+-	% 5.7	10148
1131	14/ 1/76	58: 0: 0N	5:52: 0W	91	34.715	48.84+-	% 260.11+-	% 5.3	10149
1132	14/ 1/76	58:30: 0N	6: 0: 0W	3	34.000	28.93+-	% 158.73+-	% 5.5	10150
1139	14/ 1/76	58:40: 0N	4:30: 0W	78	34.583	46.62+-	% 278.24+-	% 6.0	10154
1140	14/ 1/76	58:36:30N	4: 0: 0W	81	34.393	22.35+-	% 273.43+-	% 12.2	10137
1141	14/ 1/76	58:43: 0N	3:30: 0W	3	34.440	29.01+-	% 311.91+-	% 10.8	10139
1150	15/ 1/76	57:47: 0N	2: 0: 0W	75	34.805	28.42+-	% 179.08+-	% 6.3	10161
1151	15/ 1/76	57:30: 0N	1:30: 0W	75	34.753	27.08+-	% 159.84+-	% 5.9	10162
1152	15/ 1/76	57: 0: 0N	2: 0: 0W	59	34.725	22.94+-	% 142.08+-	% 6.2	10163
1153	15/ 1/76	56:30: 0N	2: 0: 0W	3	34.627	16.65+-	% 96.94+-	% 5.8	10164
1154	15/ 1/76	56: 0: 0N	2: 0: 0W	3	34.677	ND	% 64.01+-	%	10165
1155	15/ 1/76	55:30: 0N	1: 0: 0W	105	34.945	ND	% 45.14+-	%	10166
1156	15/ 1/76	55: 0: 0N	1: 0: 0W	77	34.950	ND	% 52.91+-	%	10167

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
1157	12/ 1/76	54:22: 3N	40	3	33.166	2768.71+-	% 14644.60+-	%	5.3 10097
1157	12/ 1/76	54:22: 3N	40	36	33.375	NA	NA		10098
1158	15/ 1/76	54: 0: 0N		3	34.565	ND	60.31+-	%	10168
1159	8/ 1/76	54:21:12N	20	3	34.032	464.72+-	% 2779.07+-	%	6.0 10083
1159	8/ 1/76	54:21:12N	20	15	33.968	437.71+-	% 2667.70+-	%	6.1 10084
1213	12/ 1/76	54:24:27N	23	3	32.674	4480.70+-	% 23657.80+-	%	5.3 10121
1213	12/ 1/76	54:24:27N	23	17	32.654	NA	NA		10122
1229	13/ 1/76	57: 7: 0N		3	34.800	56.24+-	% 322.27+-	%	5.7 10145
1230	14/ 1/76	57:53: 0N	105	3	34.557	56.24+-	% 340.40+-	%	6.1 10147
1232	14/ 1/76	58:37:30N		3	34.975	29.78+-	% 170.57+-	%	5.7 10151
1239	14/ 1/76	58:38:18N		3	34.579	44.40+-	% 259.00+-	%	5.8 10155
1240	14/ 1/76	58:40:24N	81	3	34.396	14.58+-	% 270.84+-	%	18.6 10138
1241	14/ 1/76	58:42:54N		3	34.373	41.81+-	% 257.52+-	%	6.2 10156
1257	12/ 1/76	54:24:51N	27	3	32.915	3698.15+-	% 19173.40+-	%	5.2 10099
1257	12/ 1/76	54:24:51N	27	22	32.858	NA	NA		10100
1265	13/ 1/76	54:36: 6N	29	3	33.169	4458.50+-	% 23247.10+-	%	5.2 10096
1332	14/ 1/76	58:45: 0N		3	34.821	30.12+-	% 171.31+-	%	5.7 10152
1341	14/ 1/76	58:28:30N		3	34.576	44.40+-	% 224.22+-	%	5.0 10157
1432	14/ 1/76	58:42:30N		3	34.667	45.14+-	% 259.00+-	%	5.7 10153
1441	14/ 1/76	58:18:30N		3	34.735	33.15+-	% 214.23+-	%	6.5 10158
1541	14/ 1/76	57:55:48N		3	34.753	27.60+-	% 179.08+-	%	6.5 10159
1641	14/ 1/76	57:51:12N		3	34.473	31.27+-	% 190.92+-	%	6.1 10160
Site 38 Cirolana									
3525	10/ 3/76	58:26: 0N		3	NA	ND	44.40+-	%	10383
3527	10/ 3/76	58:13: 0N		3	NA	14.43+-	% 99.16+-	%	6.9 10384
3533	7/ 3/76	55:15: 0N		3	NA	ND	48.84+-	%	10385
3535	7/ 3/76	55:59:24N		3	NA	ND	55.13+-	%	10386
3536	8/ 3/76	56:10: 0N		3	NA	ND	56.24+-	%	10387

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
3538	8/ 3/76	57: 0: 0N	1:29: 0W	3	NA	21.13+-	165.76+-	7.8	10388
3539	8/ 3/76	57:13: 0N	0:15: 0W	3	NA	13.58+-	95.46+-	7.0	10389
3540	8/ 3/76	57:26: 0N	0:58: 0E	3	NA	ND	75.48+-		10390
3541	8/ 3/76	57:37: 0N	2: 0: 0E	3	NA	14.32+-	76.22+-	5.3	10391
3542	8/ 3/76	58:26: 0N	2:45: 0E	3	NA	14.69+-	87.32+-	5.9	10392
3543	9/ 3/76	58:26: 0N	2:59: 0E	3	NA	ND	51.06+-		10393
3544	9/ 3/76	58:26: 0N	3:20: 0E	3	NA	ND	26.97+-		10394
3545	9/ 3/76	58:26: 0N	3:39:12E	3	NA	ND	21.94+-		10395
3545	9/ 3/76	58:26: 0N	3:39:12E	50	NA	ND	23.13+-		10397
3545	9/ 3/76	58:26: 0N	3:39:12E	50	NA	ND	23.98+-		10396
3546	10/ 3/76	57:34: 6N	1:19:18W	3	NA	23.61+-	159.84+-	6.8	10398
3546	10/ 3/76	57:34: 6N	1:19:18W	50	NA	19.50+-	172.79+-	8.9	10399
3546	10/ 3/76	57:34: 6N	1:19:18W	95	NA	22.72+-	151.70+-	6.7	10400
3548	10/ 3/76	57:47:48N	0:55: 0W	3	NA	ND	ND		10401
3550	10/ 3/76	58: 1: 0N	0:30: 0W	3	NA	24.20+-	154.66+-	6.4	10402
3550	10/ 3/76	58: 1: 0N	0:30: 0W	50	NA	23.94+-	149.11+-	6.2	10403
3550	10/ 3/76	58: 1: 0N	0:30: 0W	119	NA	26.08+-	154.29+-	5.9	10404
3551	10/ 3/76	58:26: 0N	1:21: 0E	3	NA	ND	49.58+-		10405
3571	10/ 3/76	58:26:24N	1:43: 0E	3	NA	10.36+-	77.70+-	7.5	10406
3571	10/ 3/76	58:26:24N	1:43: 0E	51	NA	ND	78.44+-		10407
3571	10/ 3/76	58:26:24N	1:43: 0E	108	NA	5.62+-	76.22+-	13.6	10408
3572	10/ 3/76	58:25:42N	0: 0:18E	3	NA	12.54+-	76.59+-	6.1	10409
3572	10/ 3/76	58:25:42N	0: 0:18E	50	NA	12.21+-	78.44+-	6.4	10410
3572	10/ 3/76	58:25:42N	0: 0:18E	115	NA	ND	61.42+-		10411
Site 38 Cirolana									
6001	25/ 5/76	53:30: 0N	0:30: 0E	3	34.519	ND	50.32+-		10169
6002	25/ 5/76	53:34:42N	1: 0: 6E	3	34.733	ND	58.83+-		10170
6003	25/ 5/76	53:30: 0N	2: 0: 0E	3	34.761	ND	59.20+-		10171

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
6004	26/ 5/76	53:30: 6N	35	3	34.669	ND	59.20+-	%	10172
6005	26/ 5/76	53:30: 0N	33	3	34.540	ND	48.10+-	%	10173
6006	26/ 5/76	53:59:48N	48	3	34.496	ND	54.76+-	%	10174
6007	26/ 5/76	54: 0: 0N	43	3	34.667	ND	58.46+-	%	10175
6008	26/ 5/76	54: 1:30N	79	3	34.700	ND	60.31+-	%	10176
6009	26/ 5/76	54: 0: 0N	45	3	34.689	ND	59.94+-	%	10177
6010	26/ 5/76	54: 0:12N	25	3	34.624	ND	51.43+-	%	10178
6011	26/ 5/76	54:29:54N	64	3	34.674	ND	49.95+-	%	10179
6012	26/ 5/76	54:30: 0N	67	3	34.803	ND	57.72+-	%	10180
6013	27/ 5/76	54:30: 0N	31	3	34.795	ND	53.28+-	%	10181
6014	27/ 5/76	54:30: 0N	21	3	34.692	ND	59.94+-	%	10182
6015	27/ 5/76	54:30: 0N	45	3	34.613	ND	53.65+-	%	10183
6016	27/ 5/76	54:30: 0N	51	3	34.369	ND	48.84+-	%	10184
6017	27/ 5/76	54:30: 0N	45	3	34.473	ND	40.33+-	%	10185
6018	27/ 5/76	54:44:12N	45	3	34.711	ND	51.43+-	%	10186
6019	27/ 5/76	55: 0: 0N	42	3	34.816	ND	52.91+-	%	10187
6020	27/ 5/76	55: 0: 0N	49	3	34.800	ND	53.65+-	%	10188
6021	27/ 5/76	55: 0: 0N	24	3	34.832	ND	57.72+-	%	10189
6022	28/ 5/76	55: 0: 0N	29	3	34.938	ND	51.06+-	%	10190
6023	28/ 5/76	54:59:54N	77	3	34.878	ND	48.84+-	%	10191
6024	28/ 5/76	55: 0: 0N	80	3	34.633	ND	62.90+-	%	10192
6025	28/ 5/76	55:30: 0N	101	3	34.653	ND	67.34+-	%	10193
6026	28/ 5/76	55:29:54N	82	3	35.002	ND	39.96+-	%	10194
6027	28/ 5/76	55:30: 6N	65	3	34.983	ND	43.29+-	%	10195
6028	28/ 5/76	55:30: 6N	39	3	34.995	ND	37.37+-	%	10196
6028	28/ 5/76	55:30: 6N	39	3	NA	ND	40.26+-	1.3%	1124
6029	29/ 5/76	55:29:54N	31	3	34.882	ND	49.58+-	%	10197
6030	29/ 5/76	55:30:30N	45	3	34.900	ND	51.80+-	%	10198
6031	29/ 5/76	55:45: 0N	37	3	34.803	ND	50.32+-	%	10199
6032	29/ 5/76	56: 0: 0N	45	3	34.905	ND	51.06+-	%	10200

Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
6033	29/ 5/76	56: 0: 0N	4: 0: 0E	57	3	34.922	ND	44.77+-	§ 10201
6034	29/ 5/76	56: 0: 0N	3: 0: 0E	74	3	34.929	ND	38.85+-	§ 10202
6035	29/ 5/76	56: 0: 0N	1:30: 0E	85	3	35.034	ND	39.22+-	§ 10203
6036	29/ 5/76	56: 0: 0N	0: 0: 6W	89	3	35.039	ND	41.81+-	§ 10204
6037	29/ 5/76	56: 0: 0N	1:30: 0W	91	3	34.770	ND	67.34+-	§ 10205
6038	30/ 5/76	56: 0: 0N	2: 0: 0W	77	3	34.271	§ 9.36+-	78.07+-	§ 8.3 10206
6039	30/ 5/76	56:30: 6N	2: 0: 0W	61	3	34.260	§ 16.09+-	107.30+-	§ 6.7 10207
6040	30/ 5/76	56:29:54N	1:31: 0W	61	3	34.443	§ 23.42+-	136.53+-	§ 5.8 10208
6041	30/ 5/76	56:30: 6N	0: 0: 6W	79	3	34.901	ND	53.65+-	§ 10209
6042	30/ 5/76	56:30: 0N	1:30: 0E	100	3	35.125	ND	37.74+-	§ 10210
6043	30/ 5/76	56:30: 0N	3: 0: 0E	75	3	35.012	ND	30.82+-	§ 10211
6044	30/ 5/76	56:30: 0N	4:30:18E	65	3	34.937	ND	39.59+-	§ 10212
6045	8/ 6/76	56:29:30N	5:59:54E	38	3	34.617	ND	58.83+-	§ 10304
6046	30/ 5/76	57: 0: 0N	6: 0: 0E	47	3	34.614	ND	49.21+-	§ 10213
6047	31/ 5/76	56:59:54N	5:15:18E	61	3	34.820	ND	48.47+-	§ 10214
6048	31/ 5/76	57: 0: 0N	4: 0: 0E	63	3	35.072	ND	34.82+-	§ 10215
6049	31/ 5/76	56:59:54N	3: 0: 0E	69	3	35.054	ND	35.04+-	§ 10216
6050	31/ 5/76	57: 0: 0N	2: 0: 0E	93	3	35.107	§ 5.07+-	92.13+-	§ 18.2 10217
6051	31/ 5/76	57: 0:18N	0:59:42E	92	3	34.943	§ 11.95+-	92.13+-	§ 7.7 10218
6052	31/ 5/76	57: 0: 0N	0: 0: 0E	85	3	34.756	§ 17.54+-	108.78+-	§ 6.2 10219
6053	31/ 5/76	57: 0: 0N	1:29:54W	67	3	34.558	§ 26.57+-	168.72+-	§ 6.4 10221
6054	31/ 5/76	57: 0: 0N	2: 0: 6W	63	3	34.396	§ 26.20+-	170.20+-	§ 6.5 10222
6055	31/ 5/76	57:29:18N	1:30:24W	78	3	34.567	§ 28.60+-	181.67+-	§ 6.4 10223
6056	1/ 6/76	57:29:54N	0: 0: 6W	94	3	34.665	§ 26.45+-	173.16+-	§ 6.5 10225
6057	1/ 6/76	57:30: 0N	1:30: 0E	95	3	34.961	§ 13.95+-	87.69+-	§ 6.3 10227
6058	1/ 6/76	57:30: 0N	3: 0: 0E	65	3	35.074	ND	64.01+-	§ 10228
6059	1/ 6/76	57:30: 0N	4:29:54E	79	3	35.042	ND	65.12+-	§ 10229
6060	6/ 6/76	57:30:24N	6: 1:42E	73	3	30.884	ND	35.74+-	§ 10276
6061	5/ 6/76	58: 0: 0N	5: 0: 0E	133	3	30.695	ND	33.49+-	§ 10274
6062	1/ 6/76	58: 0: 0N	4: 0: 0E	99	3	34.996	§ 12.54+-	76.96+-	§ 6.1 10230

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
6063	1/ 6/76	58: 0: 0N	77	3	35.046	19.42+-	99.53+-	5.1	10231
6064	1/ 6/76	58: 0: 6N	92	3	34.956	16.32+-	89.91+-	5.5	10232
6065	2/ 6/76	57:59:54N	139	3	34.938	17.20+-	121.73+-	7.1	10233
6066	2/ 6/76	57:59: 6N	127	3	34.863	22.50+-	141.71+-	6.3	10234
6066	2/ 6/76	57:59: 6N	127	117	NA	16.32+-	106.56+-	6.5	10235
6067	2/ 6/76	58: 0: 6N	116	3	34.717	26.94+-	153.92+-	5.7	10236
6067	2/ 6/76	58: 0: 6N	116	108	NA	24.05+-	154.29+-	6.4	10237
6068	2/ 6/76	58: 0: 0N	87	3	34.846	20.17+-	139.86+-	6.9	10238
6069	2/ 6/76	58: 0: 0N	61	3	34.639	25.23+-	160.58+-	6.4	10239
6070	2/ 6/76	58: 0:42N	55	3	NA	26.20+-	157.99+-	6.0	10240
6071	2/ 6/76	58:30: 0N	75	3	34.885	20.87+-	164.65+-	7.9	10241
6072	2/ 6/76	58:30: 6N	115	3	35.047	17.32+-	98.05+-	5.7	10242
6073	2/ 6/76	58:30: 0N	147	3	35.034	15.17+-	88.80+-	5.9	10243
6074	3/ 6/76	58:29:54N	144	3	35.106	10.95+-	81.03+-	7.4	10244
6075	3/ 6/76	58:29:54N	87	3	34.998	15.50+-	96.94+-	6.3	10245
6076	3/ 6/76	58:30: 0N	109	3	35.120	ND	51.06+-		10246
6077	3/ 6/76	59: 0: 0N	137	3	34.922	ND	17.57+-		10247
6078	3/ 6/76	59: 0: 0N	113	3	35.146	ND	50.69+-		10248
6079	3/ 6/76	58:59:54N	129	3	35.158	ND	76.96+-		10249
6080	3/ 6/76	59: 0: 0N	133	3	35.081	13.65+-	75.11+-	5.5	10250
6081	3/ 6/76	59: 0: 0N	125	3	35.181	ND	59.57+-		10251
6082	4/ 6/76	59: 0: 0N	80	3	34.955	25.60+-	147.63+-	5.8	10261
6083	4/ 6/76	59: 0:12N	69	3	34.791	31.01+-	201.65+-	6.5	10260
6084	4/ 6/76	58:38: 0N	79	3	34.823	27.86+-	195.73+-	7.0	10259
6085	4/ 6/76	58:45: 0N	85	3	34.739	32.01+-	227.18+-	7.1	10257
6086	4/ 6/76	59: 0: 0N	101	3	34.538	41.44+-	247.90+-	6.0	10256
6087	4/ 6/76	59:29:54N	159	3	35.259	ND	54.76+-		10255
6088	4/ 6/76	59:29:36N	73	3	34.987	22.98+-	128.02+-	5.6	10254
6089	4/ 6/76	59:30: 6N	72	3	34.786	29.23+-	178.34+-	6.1	10253
6090	3/ 6/76	59:29:30N	137	3	34.938	24.42+-	132.83+-	5.4	10252

## Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
6091	4/ 6/76	59:30: 0N 1: 0: 0W	129	3	35.225	ND	32.12+-	%	10263
6092	4/ 6/76	60: 0: 0N 0:30: 6W	129	3	35.202	ND	28.56+-	%	10264
6093	4/ 6/76	60: 0:12N 0:30:12E	121	3	35.130	ND	54.02+-	%	10265
6094	5/ 6/76	60: 0:12N 1:30: 6E	167	3	35.148	ND	16.58+-	%	10266
6095	5/ 6/76	59:59:12N 2:30:24E	109	3	35.192	ND	9.51+-	%	10267
6096	5/ 6/76	60: 0:18N 3:30:18E	277	3	33.316	ND	28.27+-	%	10268
6097	5/ 6/76	60: 0: 0N 4:30: 0E	265	3	26.812	ND	28.75+-	%	10269
6098	5/ 6/76	59:30: 0N 4:30: 0E	265	3	27.586	ND	32.04+-	%	10270
6099	5/ 6/76	59: 0: 6N 4:30:36E	265	3	28.617	ND	30.45+-	%	10271
6100	5/ 6/76	58:30: 0N 4: 0: 0E	257	3	29.833	ND	34.67+-	%	10272
6101	5/ 6/76	58:30: 0N 5: 0: 0E	289	3	29.553	ND	29.78+-	%	10273
6102	5/ 6/76	57:59:54N 5:59:24E	315	3	30.043	ND	33.26+-	%	10275
6103	6/ 6/76	57:30: 0N 7: 0:24E	217	3	29.937	ND	35.82+-	%	10277
6104	6/ 6/76	57:45: 0N 8: 0: 0E	475	3	29.881	ND	38.85+-	%	10278
6104	6/ 6/76	57:45: 0N 8: 0: 0E	475	50	34.748	ND	33.30+-	%	10279
6104	6/ 6/76	57:45: 0N 8: 0: 0E	475	100	35.051	ND	27.93+-	%	10280
6105	6/ 6/76	58: 0: 0N 9: 0: 0E	561	3	28.693	ND	36.81+-	%	10281
6106	7/ 6/76	58:10: 0N 10: 0:30E	298	3	24.000	ND	32.01+-	%	10292
6106	7/ 6/76	58:10: 0N 10: 0:30E	298	50	34.829	ND	37.37+-	%	10293
6106	7/ 6/76	58:10: 0N 10: 0:30E	298	100	35.106	ND	27.05+-	%	10294
6106	7/ 6/76	58:10: 0N 10: 0:30E	298	296	35.205	ND	27.64+-	%	10295
6107	7/ 6/76	58: 0: 0N 11: 0:12E	133	3	26.072	ND	34.78+-	%	10291
6108	7/ 6/76	57:30: 0N 11:29:42E	61	3	23.645	ND	30.23+-	%	10289
6108	7/ 6/76	57:30: 0N 11:29:42E	61	56	34.192	ND	45.14+-	%	10290
6109	6/ 6/76	56:51: 0N 11:49:59E	49	3	18.613	ND	39.59+-	%	10287
6109	6/ 6/76	56:51: 0N 11:49:59E	49	44	34.104	ND	38.11+-	%	10288
6110	6/ 6/76	56:51: 0N 10:49:30E	13	3	16.212	ND	24.86+-	%	10285
6110	6/ 6/76	56:51: 0N 10:49:30E	13	10	19.819	ND	31.82+-	%	10286
6111	6/ 6/76	57:30: 0N 10:45: 0E	33	3	18.583	ND	31.67+-	%	10284
6112	6/ 6/76	57:49:54N 10:43:30E	104	3	28.573	ND	42.55+-	%	10282

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
6112	6/ 6/76	57:49:54N 10:43:30E	104	95	34.637	ND	42.92+-	%	10283
6113	7/ 6/76	57:45: 0N 10: 0: 0E	87	3	32.158	ND	28.79+-	%	10296
6113	7/ 6/76	57:45: 0N 10: 0: 0E	87	78	32.517	ND	45.88+-	%	10297
6114	7/ 6/76	57:24:12N 9: 0: 0E	23	3	32.680	ND	43.66+-	%	10298
6115	7/ 6/76	57: 0: 0N 8: 0: 0E	29	3	33.373	ND	48.47+-	%	10299
6116	7/ 6/76	57: 0: 0N 7: 0: 0E	37	3	33.828	ND	45.14+-	%	10300
6117	7/ 6/76	57:30: 0N 7:45: 0E	31	3	32.731	ND	47.73+-	%	10301
6118	7/ 6/76	56:28:54N 7: 0:30E	37	3	34.119	ND	55.50+-	%	10302
6119	8/ 6/76	56:30: 0N 6:29:30E	43	3	34.554	ND	52.54+-	%	10303
6120	8/ 6/76	56:15: 0N 6: 0: 0E	47	3	34.417	ND	54.39+-	%	10305
6121	8/ 6/76	56:15: 0N 6:30: 0E	43	3	34.142	ND	51.80+-	%	10306
6122	8/ 6/76	56:15: 6N 7: 0: 0E	35	3	33.757	ND	50.32+-	%	10307
6123	8/ 6/76	56:15: 0N 7:30: 0E	31	3	32.924	ND	42.18+-	%	10308
6124	8/ 6/76	56: 0: 0N 7:45: 0E	29	3	32.449	ND	43.29+-	%	10309
6125	8/ 6/76	56: 0: 0N 7: 0: 0E	35	3	33.150	ND	52.54+-	%	10310
6126	8/ 6/76	55:59:54N 6:29:54E	45	3	33.952	ND	51.80+-	%	10311
6127	8/ 6/76	56: 0: 0N 6: 0: 0E	45	3	34.152	ND	55.50+-	%	10312
6128	8/ 6/76	56: 0: 0N 5:30: 0E	55	3	34.514	ND	55.87+-	%	10313
6129	8/ 6/76	55:45: 0N 5:30: 0E	53	3	34.683	ND	53.28+-	%	10314
6130	8/ 6/76	55:45: 0N 5:59:48E	49	3	34.292	ND	53.65+-	%	10315
6131	8/ 6/76	55:45: 0N 6:30: 0E	43	3	33.465	ND	50.69+-	%	10316
6132	8/ 6/76	55:45: 0N 7: 0: 0E	31	3	33.128	ND	43.29+-	%	10317
6133	8/ 6/76	55:45: 0N 7:29:54E	25	3	32.442	ND	45.51+-	%	10318
6134	9/ 6/76	55:29:54N 7:30:12E	29	3	32.056	ND	40.33+-	%	10319
6135	9/ 6/76	55:30:12N 7: 0:36E	29	3	32.709	ND	46.99+-	%	10320
6136	9/ 6/76	55:30: 0N 6:30: 0E	43	3	33.491	ND	51.43+-	%	10321
6137	9/ 6/76	55:30: 0N 6: 0: 0E	51	3	34.087	ND	53.28+-	%	10322
6138	9/ 6/76	55:30: 0N 5:30: 0E	53	3	NA	ND	61.64+-	0.9%	1038
6138	9/ 6/76	55: 0:12N 5:30: 0E	53	3	34.821	ND	62.16+-	%	10323
6139	9/ 6/76	55:15: 0N 5:30: 0E	44	3	34.823	ND	62.16+-	%	10324

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
6140	9/ 6/76	55:15: 0N	48	3	33.954	ND	55.50+-	%	10325
6141	9/ 6/76	55:15: 0N	42	3	33.487	ND	52.54+-	%	10326
6142	9/ 6/76	55:14:48N	35	3	32.537	ND	47.73+-	%	10327
6143	9/ 6/76	55:15: 0N	24	3	32.050	ND	45.88+-	%	10328
6145	9/ 6/76	55: 0: 0N	27	3	32.128	ND	45.51+-	%	10329
6146	9/ 6/76	55: 0: 0N	33	3	31.790	ND	42.18+-	%	10330
6147	9/ 6/76	55: 0: 0N	47	3	33.194	ND	53.28+-	%	10331
6148	9/ 6/76	55: 0: 0N	42	3	33.911	ND	54.76+-	%	10332
6149	10/ 6/76	55: 0:18N	41	3	34.519	ND	56.24+-	%	10333
6150	10/ 6/76	54:45: 0N	45	3	34.169	ND	55.13+-	%	10334
6151	10/ 6/76	54:45: 0N	43	3	34.102	ND	56.61+-	%	10335
6152	10/ 6/76	54:45: 0N	43	3	33.576	ND	56.98+-	%	10336
6153	10/ 6/76	54:45: 0N	32	3	32.443	ND	45.88+-	%	10337
6154	10/ 6/76	54:45: 0N	25	3	31.772	ND	44.40+-	%	10338
6155	10/ 6/76	54:45: 0N	18	3	30.917	ND	37.74+-	%	10339
6156	10/ 6/76	54:30: 0N	19	3	30.846	ND	35.82+-	%	10340
6157	10/ 6/76	54:30: 0N	28	3	31.917	ND	43.29+-	%	10341
6158	10/ 6/76	54:30: 0N	39	3	33.385	ND	52.54+-	%	10342
6159	10/ 6/76	54:29:54N	40	3	33.768	ND	51.43+-	%	10343
6160	10/ 6/76	54:28:42N	43	3	34.007	ND	53.28+-	%	10344
6161	10/ 6/76	54:29:54N	44	3	34.370	ND	54.76+-	%	10345
6162	11/ 6/76	54:14:36N	42	3	34.189	ND	53.65+-	%	10346
6163	11/ 6/76	54:15:12N	40	3	34.050	ND	50.69+-	%	10347
6164	11/ 6/76	54:15:12N	38	3	33.670	ND	50.32+-	%	10348
6165	11/ 6/76	54:15: 0N	39	3	33.440	ND	49.95+-	%	10349
6166	11/ 6/76	54:15: 0N	42	3	32.768	ND	48.10+-	%	10350
6167	11/ 6/76	54:15: 0N	41	3	31.861	ND	44.40+-	%	10351
6168	11/ 6/76	54: 0: 0N	39	3	32.770	ND	42.55+-	%	10352
6169	11/ 6/76	54: 0: 0N	32	3	32.885	ND	49.58+-	%	10353
6170	11/ 6/76	54: 0: 0N	31	3	32.940	ND	48.10+-	%	10354

## Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
6171	11/ 6/76	54:59:42N	29	3	33.384	ND	51.06+-	%	10355
6172	11/ 6/76	54: 0: 0N	35	3	33.663	ND	46.25+-	%	10356
6173	11/ 6/76	54: 0: 0N	39	3	33.999	ND	47.73+-	%	10357
6174	11/ 6/76	54: 0: 0N	43	3	34.538	ND	50.32+-	%	10358
6175	11/ 6/76	53:32: 0N	30	3	33.551	ND	49.21+-	%	10359
6176	12/ 6/76	53: 0: 0N	27	3	33.498	ND	49.58+-	%	10360
6177	12/ 6/76	52:59:54N	29	3	34.750	ND	50.32+-	%	10361
6178	12/ 6/76	52:30: 0N	27	3	34.450	ND	52.54+-	%	10362
6179	12/ 6/76	52:15: 0N	23	3	32.880	ND	47.36+-	%	10363
6180	12/ 6/76	52: 2:30N	31	3	33.887	ND	44.77+-	%	10364
6181	12/ 6/76	52: 0: 0N	34	3	34.339	ND	43.29+-	%	10365
6182	12/ 6/76	51:45: 0N	33	3	33.855	ND	42.18+-	%	10366
6183	12/ 6/76	51:35:24N	36	3	32.929	ND	40.70+-	%	10367
6188	12/ 6/76	51:30: 0N	43	3	35.045	ND	45.14+-	%	10371
6189	12/ 6/76	51:30: 0N	26	3	34.723	ND	46.62+-	%	10370
6190	12/ 6/76	51:45:12N	40	3	34.874	ND	41.07+-	%	10369
6191	12/ 6/76	52: 0: 0N	46	3	34.922	ND	42.92+-	%	10368
6192	13/ 6/76	52: 0: 0N	33	3	34.783	ND	48.47+-	%	10373
6193	13/ 6/76	52:30: 0N	27	3	34.335	ND	64.01+-	%	10374
6194	13/ 6/76	52:30: 0N	39	3	35.049	ND	37.74+-	%	10376
6195	13/ 6/76	52:30: 0N	29	3	34.974	ND	49.21+-	%	10377
6196	13/ 6/76	53: 0: 0N	27	3	34.744	ND	62.90+-	%	10378
6197	13/ 6/76	53:30: 0N	40	3	34.729	ND	55.13+-	%	10379
6198	13/ 6/76	53: 0: 0N	37	3	34.668	ND	74.74+-	%	10380
6199	13/ 6/76	52:59:48N	30	3	34.709	ND	70.30+-	%	10381
6200	14/ 6/76	53: 1: 0N		3	34.478	ND	76.96+-	%	10382
6252	31/ 5/76	57: 0: 0N	71	3	34.757	18.57+-	129.87+-	%	7.0
6255	1/ 6/76	57:30: 6N	95	3	34.582	27.57+-	169.46+-	%	6.1
6256	1/ 6/76	57:30: 6N	93	3	34.763	22.39+-	161.69+-	%	7.2
6282	4/ 6/76	59:15:12N	101	3	34.966	23.42+-	136.53+-	%	5.8

Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
6284	4/ 6/76	58:42:36N 3:10: 0W		3	34.824	28.42+-	186.11+-	%	6.5 10258
6288	12/ 6/76	51:45: 0N 2: 7: 0E	51	3	35.013	ND	44.03+-	%	10372
6293	13/ 6/76	52:30: 0N 2:30: 0E	50	3	34.599	ND	52.54+-	%	10375
Site 38 Cirolana									
8001	23/ 8/76	65: 0: 0N 7:25:36W		3	NA	ND	18.43+-	2.7%	1921
8002	23/ 8/76	66: 0: 0N 8:43: 0W		3	NA	ND	18.28+-	2.7%	1922
8003	23/ 8/76	67: 0: 0N 10: 3: 0W		3	NA	ND	14.76+-	3.4%	1923
8004	23/ 8/76	68: 0: 0N 11:53: 0W		3	NA	ND	14.17+-	4.2%	1924
8005	23/ 8/76	69: 0: 0N 13:41:13W		3	NA	ND	8.40+-	7.3%	1925
8006	24/ 8/76	70: 0: 0N 15:46:54W		3	NA	ND	6.66+-	9.2%	1926
8007	24/ 8/76	71: 0: 0N 20:10: 0W		3	NA	ND	14.62+-	3.4%	1927
8010	25/ 8/76	72: 1:54N 28:29: 0W		3	NA	ND	13.10+-	3.8%	1928
8012	25/ 8/76	73: 1:48N 28:28:36W		3	NA	ND	6.07+-	8.5%	1929
8014	25/ 8/76	74: 1:54N 28:30:24W		3	NA	ND	6.40+-	7.5%	1930
8027	27/ 8/76	75: 0: 6N 21: 8: 6W		3	NA	ND	17.69+-	2.7%	1931
8033	27/ 8/76	76: 0: 0N 23:34: 0W		3	NA	ND	6.14+-	7.8%	1932
8053	31/ 8/76	77: 0: 0N 8:20: 0W		3	NA	ND	8.66+-	5.8%	1933
8056	31/ 8/76	78: 0:24N 11:29:36W		3	NA	ND	5.62+-	8.9%	1934
8058	31/ 8/76	79: 1:30N 9:58:54W		3	NA	ND	5.14+-	9.7%	1935
Site 38 Cirolana									
9001	4/10/76	53:34: 0N 3:34: 0W		3	33.342	1899.06+-	11290.81+-	0.4%	5.9 1936
9002	4/10/76	53:39: 0N 4: 0: 0W		3	33.712	561.99+-	3649.09+-	0.6%	6.5 1937
9003	4/10/76	53:44: 0N 4:24: 0W		3	33.939	306.88+-	2115.40+-	0.9%	6.9 1938
9004	4/10/76	54: 0: 0N 4:57: 0W		3	33.946	297.85+-	2053.94+-	0.9%	6.9 1939
9005	5/10/76	54:14: 0N 5: 7: 0W		3	33.974	296.56+-	2101.86+-	0.9%	7.1 1940
9006	5/10/76	54:35: 0N 5:12:30W		3	33.966	356.42+-	2452.92+-	0.8%	6.9 1941

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
9007	5/10/76	55:15: 0N	5:50: 0W	3	34.103	272.95+-	1874.79+-	0.3%	6.9
9008	5/10/76	55:30: 0N	6:30: 0W	3	34.350	164.95+-	1082.95+-	0.3%	6.6
9009	5/10/76	56: 0: 0N	8: 0: 0W	3	35.010	27.42+-	187.00+-	0.5%	6.8
9010	5/10/76	56:30: 0N	9: 0: 0W	3	35.144	8.03+-	81.36+-	1.0%	10.1
9011	5/10/76	57: 0: 0N	10: 0: 0W	3	35.270	ND	5.88+-	8.5%	1946
9012	5/10/76	57: 7: 6N	10:53:24W	3	35.282	ND	13.51+-	3.7%	1947
9015	11/10/76	65: 0: 0N	9:59:42W	3	34.640	ND	2.55+-	18.8%	1950
9016	14/10/76	65:32: 0N	9:19: 9W	3	34.716	ND	5.88+-	8.5%	1951
9017	15/10/76	68: 0: 30N	9:58:21W	3	34.630	ND	3.96+-	12.1%	1952
9017	15/10/76	68: 0: 30N	9:58:21W	745	NA	ND	1.52+-	31.7%	1953
9018	17/10/76	68: 0: 0N	15:59:54W	3	33.557	ND	4.92+-	9.8%	1954
9019	17/10/76	66:52:30N	25:21:21W	3	32.671	ND	8.21+-	6.1%	1955
9019	17/10/76	66:52:30N	25:21:21W	1025	34.846	ND	3.74+-	12.9%	1956
9020	18/10/76	65:45:15N	28:53: 0W	3	34.777	ND	4.37+-	11.4%	1957
9023	23/10/76	61: 0: 0N	3:35: 0W	3	35.166	ND	26.08+-	2.8%	1958
9024	24/10/76	59:30: 0N	2: 0: 0W	3	35.049	ND	73.19+-	1.0%	1959
9025	24/10/76	59: 0: 0N	1: 0: 0W	3	35.195	ND	16.80+-	4.3%	1960
9026	24/10/76	59: 0: 0N	2: 0: 0W	3	35.089	ND	59.46+-	1.3%	1961
9027	24/10/76	58: 0: 0N	2: 0: 0W	3	34.853	14.13+-	91.72+-	1.3%	6.5
9028	25/10/76	58: 0: 0N	1: 0: 0W	3	35.131	ND	39.63+-	1.9%	1963
9029	25/10/76	58: 0: 0N	0: 0: 0W	3	35.168	ND	28.71+-	2.6%	1964
9030	25/10/76	57: 0: 0N	0: 0: 0E	3	34.985	16.39+-	92.02+-	1.3%	5.6
9031	25/10/76	57: 0: 0N	0:45: 0W	3	34.943	17.46+-	102.86+-	1.2%	5.9
9032	25/10/76	57: 0: 0N	1:30: 0W	3	34.843	22.39+-	111.19+-	1.1%	5.0
9033	25/10/76	56: 0: 0N	1:30: 0W	3	34.937	13.99+-	113.29+-	1.1%	8.1
9034	26/10/76	56: 0: 0N	0: 0: 0E	3	35.022	ND	49.51+-	1.5%	1969
9035	26/10/76	55:28: 6N	0:59: 0E	3	34.899	ND	62.46+-	1.1%	1970
9036	26/10/76	55:15: 0N	0:15: 0W	3	34.876	12.14+-	93.91+-	1.1%	7.7
9037	26/10/76	55: 0: 0N	1: 0: 0W	3	34.423	16.65+-	134.83+-	0.7%	8.1
9038	26/10/76	55: 0: 0N	0: 0: 0E	3	34.767	15.50+-	118.14+-	0.8%	7.6

Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
9039	27/10/76	55: 0: 0N	1: 0: 0E	3	34.680	14.65+- 5.4%	114.07+- 0.8%	7.8	1974
9040	27/10/76	54:30: 0N	0:30: 0E	3	34.635	14.65+- 5.6%	132.61+- 0.7%	9.1	1975
9041	27/10/76	54:23:12N	1: 6: 6E	45	34.739	11.40+- 7.0%	118.14+- 0.8%	10.4	1976
9042	27/10/76	54:13:54N	0: 1:54E	59	34.537	15.47+- 5.3%	130.79+- 0.7%	8.5	1977
9043	27/10/76	54: 0: 0N	1: 0: 0E	3	34.657	12.65+- 6.3%	116.77+- 0.8%	9.2	1978
9044	27/10/76	53:40:42N	1:42:30E	26	34.599	11.25+- 7.1%	104.04+- 0.8%	9.3	1979
9045	27/10/76	53:10: 6N	1: 2: 0E	26	34.318	15.87+- 5.0%	92.17+- 0.9%	5.8	1980
Site 38 Cirolana									
8001	12/ 7/77	53:59:42N	0: 6:30E	3	NA	10.55+-16.1%	96.46+- 1.2%	9.1	4882
8002	12/ 7/77	54:30: 0N	0: 4:18W	3	NA	12.10+-14.1%	96.57+- 1.2%	8.0	4883
8003	12/ 7/77	55: 0: 0N	0:16: 6W	3	NA	7.51+-22.9%	91.91+- 1.3%	12.2	4884
8004	13/ 7/77	55:30: 0N	0:26:30W	65	NA	ND	99.46+- 0.9%		4885
8005	13/ 7/77	56: 0: 0N	0:36:48W	69	NA	3.63+-47.4%	83.44+- 1.4%	23.0	4886
8006	13/ 7/77	56:30: 0N	0:45:42W	71	NA	8.47+-20.3%	139.79+- 0.9%	16.5	4887
8007	13/ 7/77	57: 0: 0N	0:58:36W	73	NA	26.68+- 6.6%	271.95+- 0.5%	10.2	4888
8009	13/ 7/77	57:30: 0N	1:10:30W	87	NA	58.20+- 3.2%	459.65+- 0.3%	7.9	4889
8011	13/ 7/77	58: 0: 0N	1:27:48W	75	NA	56.02+- 3.3%	436.30+- 0.3%	7.8	4890
8012	13/ 7/77	58:30: 0N	1:43:18W	105	NA	26.64+- 6.6%	201.69+- 0.6%	7.6	4891
8013	13/ 7/77	59: 0: 0N	1:57:54W	74	NA	40.59+- 4.4%	325.38+- 0.4%	8.0	4892
8014	14/ 7/77	59:30: 0N	2:16:12W	93	NA	55.54+- 3.4%	399.53+- 0.4%	7.2	4893
8015	14/ 7/77	59:30: 0N	3:14: 0W	73	NA	108.41+- 1.9%	788.54+- 0.2%	7.3	4894
8016	14/ 7/77	59:30: 0N	4:13: 0W	101	NA	68.08+- 2.7%	461.32+- 0.3%	6.8	4895
8017	14/ 7/77	59:30:30N	5:11:54W	135	NA	24.79+- 7.2%	131.02+- 1.0%	5.3	4896
8018	14/ 7/77	59:30:24N	6:23: 0W	258	NA	40.66+- 4.3%	287.90+- 0.5%	7.1	4897
8019	14/ 7/77	59:30: 0N	7:24:36W	205	NA	49.06+- 3.7%	351.02+- 0.4%	7.2	4898
8020	14/ 7/77	58:30: 0N	8:13:24W	275	NA	67.53+- 2.7%	546.12+- 0.3%	8.1	4899
8021	14/ 7/77	58: 0: 0N	9:10:18W	209	NA	64.86+- 3.1%	486.92+- 0.3%	7.5	4900
8022	15/ 7/77	57:30: 0N	9:13:24W	153	NA	57.87+- 3.1%	423.13+- 0.3%	7.3	4901

## Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
8023	15/ 7/77	57: 0: 0N	605	3	NA	56.61+-	343.80+-	0.4%	4904
8024	15/ 7/77	56:30: 0N	625	3	NA	27.38+-	188.00+-	0.7%	4905
8025	15/ 7/77	55:59: 0N	725	3	NA	ND	43.07+-	1.8%	4906
8026	15/ 7/77	55:30: 0N	845	3	NA	ND	24.05+-	3.5%	4907
8027	15/ 7/77	55: 0: 0N	249	3	NA	ND	34.85+-	2.2%	4908
Site 38 Cirolana									
9001	18/ 8/77	54: 0: 0N	37	3	NA	12.91+-	117.22+-	1.0%	4010
9002	19/ 8/77	54:30: 0N	61	3	NA	12.73+-	104.19+-	1.1%	4011
9006	19/ 8/77	55: 0: 0N	61	3	NA	20.61+-	182.52+-	0.7%	4012
9007	19/ 8/77	55:29: 0N	105	3	NA	21.57+-	153.03+-	0.8%	4013
9011	20/ 8/77	56: 0: 0N	67	3	NA	33.11+-	237.32+-	0.5%	4014
9015	20/ 8/77	56:30: 0N	77	3	NA	36.22+-	266.96+-	0.5%	4015
9019	21/ 8/77	57: 0: 0N	83	3	NA	38.37+-	293.78+-	0.4%	4016
9020	21/ 8/77	57:30: 0N	109	3	NA	52.72+-	435.64+-	0.3%	4017
9021	21/ 8/77	58: 0: 0N	117	3	NA	12.99+-	112.07+-	1.1%	4018
9022	21/ 8/77	58:30: 0N	133	3	NA	ND	65.08+-	1.2%	4019
9023	21/ 8/77	59: 0: 0N	137	3	NA	ND	56.09+-	1.4%	4026
9028	21/ 8/77	59: 0: 0N	149	3	NA	9.77+-	86.47+-	1.3%	4027
9030	21/ 8/77	58:55: 7N	102	3	NA	10.69+-	103.30+-	1.1%	4028
9031	22/ 8/77	59: 0: 0N	115	3	NA	ND	62.53+-	1.2%	4029
9033	22/ 8/77	59:21:30N	133	3	NA	ND	39.11+-	1.9%	4030
9035	22/ 8/77	59:28: 0N	117	3	NA	ND	40.96+-	1.9%	4031
9039	22/ 8/77	59:35: 0N	113	3	NA	ND	36.93+-	2.1%	4032
9040	23/ 8/77	60: 0: 0N	139	3	NA	ND	33.37+-	2.3%	4033
9041	23/ 8/77	60: 0: 0N	125	3	NA	ND	31.27+-	2.4%	4034
9042	23/ 8/77	60: 0: 0N	105	3	NA	ND	28.27+-	2.7%	4035
9049	23/ 8/77	60:30:18N	97	3	NA	ND	23.13+-	3.2%	4036
9050	23/ 8/77	60:30: 0N	125	3	NA	ND	40.37+-	1.9%	4037

## Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.	
9051	24/ 8/77	60:30: 0N	4: 0: 0E	305	3	NA	ND	38.78+- 2.0%	4038	
9052	24/ 8/77	61: 0: 0N	4: 0: 0E	355	3	NA	ND	44.33+- 1.8%	4039	
9053	24/ 8/77	61: 0: 0N	3: 0: 0E	305	3	NA	ND	37.33+- 2.0%	4040	
9057	24/ 8/77	61: 0: 0N	1:30: 0E		3	NA	ND	26.08+- 2.9%	4041	
9058	24/ 8/77	61:30: 0N	1:15: 0E	185	3	NA	ND	23.20+- 3.2%	4042	
9062	25/ 8/77	61: 0: 0N	0: 0: 0W	133	3	NA	ND	26.57+- 2.8%	4043	
9063	25/ 8/77	61: 0: 0N	1: 0: 0W	125	3	NA	20.53+- 6.8%	157.25+- 0.8%	7.7	4044
9067	25/ 8/77	60:30: 0N	2: 0: 0W		3	NA	19.98+- 7.0%	146.59+- 0.8%	7.3	4045
9069	26/ 8/77	60:30: 0N	2:41: 0W	153	3	NA	33.60+- 4.3%	256.04+- 0.5%	7.6	4048
9072	27/ 8/77	60: 0: 0N	3: 0: 0W	105	3	NA	41.40+- 3.5%	347.24+- 0.4%	8.4	4049
9073	27/ 8/77	59:30: 0N	3: 0: 0W	75	3	NA	44.99+- 3.3%	372.04+- 0.4%	8.3	4050
9075	27/ 8/77	59:30: 0N	2: 0: 0W	109	3	NA	20.31+- 6.9%	161.73+- 0.8%	8.0	4051
9076	27/ 8/77	59:30: 0N	1: 0: 6W	128	3	NA	ND	54.46+- 1.4%	4052	
9080	28/ 8/77	59: 0: 0N	1:32:30W	101	3	NA	16.84+- 8.4%	130.20+- 0.9%	7.7	4054
9081	28/ 8/77	58:30: 0N	2:18: 0W	75	3	NA	70.63+- 2.2%	540.94+- 0.3%	7.7	4053
9085	28/ 8/77	58:15: 0N	2:40:18W	55	3	NA	74.07+- 2.1%	589.45+- 0.3%	8.0	4055
9086	28/ 8/77	58: 7:18N	1:35: 0W	79	3	NA	20.91+- 6.8%	171.35+- 0.7%	8.2	4056
9090	28/ 8/77	58:10:36N	1: 0:24W	117	3	NA	15.58+- 9.0%	120.69+- 1.0%	7.7	4057
9090	28/ 8/77	58:10:36N	1:10:24W	117	107	NA	11.65+-12.2%	101.49+- 1.2%	8.7	4058
9094	29/ 8/77	57:59:48N	0:24:24E	149	3	NA	16.58+- 8.6%	122.47+- 1.0%	7.4	4059
9094	29/ 8/77	57:59:48N	0:24:24E	149	139	NA	ND	71.00+- 1.1%	4060	
9098	30/ 8/77	57:23:36N	0:40: 0E	93	3	NA	26.27+- 5.5%	215.41+- 0.6%	8.2	4061
9098	30/ 8/77	57:23:36N	0:40: 0E	93	83	NA	ND	59.76+- 1.3%	4062	
9099	30/ 8/77	57: 0: 0N	0:27: 0E	85	3	NA	16.06+- 8.9%	132.90+- 0.9%	8.3	4063
9104	30/ 8/77	56:30: 0N	1: 0: 0E	85	3	NA	ND	62.57+- 1.3%	4064	
9105	31/ 8/77	57: 0: 0N	2: 0: 0E	93	3	NA	ND	52.69+- 1.5%	4065	
9109	31/ 8/77	56:29:48N	3: 0: 0E	65	3	NA	ND	55.24+- 1.4%	4066	
9113	31/ 8/77	58: 3:36N	3:26:36E	91	3	NA	ND	67.34+- 1.2%	4067	
9113	31/ 8/77	58: 3:36N	3:26:36E	91	81	NA	12.02+-11.8%	98.94+- 1.2%	8.2	4068
9114	1/ 9/77	58: 0: 0N	2: 0: 0E	89	3	NA	2.92+-48.1%	75.92+- 1.5%	26.0	4069

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
9115	1/ 9/77	58:30: 0N	109	3	NA	ND	65.38+- 1.2%		4070
9119	1/ 9/77	58:24:54N	193	3	NA	ND	44.99+- 1.7%		4071
9121	1/ 9/77	58: 5:42N	152	3	NA	ND	47.14+- 1.6%		4072
9124	2/ 9/77	58: 0: 0N	261	3	NA	ND	42.36+- 1.8%		4073
9127	2/ 9/77	57:25: 0N	77	3	NA	ND	55.09+- 1.4%		4074
9127	2/ 9/77	57:25: 0N	77	67	NA	ND	70.37+- 1.1%		4075
9132	2/ 9/77	57:11:12N	53	3	NA	ND	45.69+- 1.7%		4076
9132	2/ 9/77	57:11:12N	53	42	NA	ND	51.99+- 1.6%		4077
9133	2/ 9/77	57:30: 0N	53	3	NA	ND	49.58+- 1.6%		4078
9134	3/ 9/77	57:30: 0N	111	3	NA	ND	44.29+- 1.8%		4079
9135	3/ 9/77	57: 0: 0N	45	3	NA	ND	52.17+- 1.5%		4080
9139	3/ 9/77	56:34:42N	37	3	NA	ND	52.95+- 1.5%		4081
9139	3/ 9/77	56:34:42N	37	34	NA	ND	47.77+- 1.6%		4082
9144	4/ 9/77	56:30: 0N	39	3	NA	ND	68.04+- 1.2%		4083
9145	4/ 9/77	56: 0: 0N	35	3	NA	ND	40.33+- 1.9%		4084
9151	4/ 9/77	55:53:18N	45	3	NA	ND	71.34+- 1.1%		4085
9153	4/ 9/77	55:30: 0N	45	3	NA	ND	41.81+- 1.9%		4086
9156	5/ 9/77	55: 0:48N	45	3	NA	ND	45.47+- 1.7%		4087
9159	5/ 9/77	54:38: 6N	39	3	NA	ND	41.11+- 1.9%		4088
9160	5/ 9/77	55: 0: 0N	41	3	NA	9.29+-15.1%	76.44+- 1.5%	8.2	4089
9161	6/ 9/77	55:30: 0N	53	3	NA	ND	76.70+- 1.0%		4090
9165	6/ 9/77	56: 0: 0N	55	3	NA	ND	62.42+- 1.3%		4091
9166	7/ 9/77	56: 0: 0N	55	3	NA	ND	69.04+- 1.2%		4092
9171	7/ 9/77	55:22:54N	29	3	NA	ND	73.59+- 1.1%		4093
9176	7/ 9/77	55:42:54N	83	3	NA	ND	74.93+- 1.1%		4094
9177	8/ 9/77	56: 0: 0N	77	3	NA	ND	63.23+- 1.3%		4095
9178	8/ 9/77	55:30: 0N	63	3	NA	6.62+-21.2%	82.55+- 1.4%	12.5	4096
9179	8/ 9/77	55: 0: 0N	62	3	NA	8.40+-17.0%	86.36+- 1.3%	10.3	4097
9185	8/ 9/77	54:36:30N	25	3	NA	7.07+-19.9%	74.33+- 1.5%	10.5	4098
9187	8/ 9/77	55: 0: 0N	53	3	NA	ND	75.81+- 1.0%		4099

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
9188	8/ 9/77	55: 0: 0N	23	3	NA	ND	73.41+- 1.1%		4100
9189	9/ 9/77	54:30: 0N	35	3	NA	ND	60.68+- 1.3%		4101
9195	9/ 9/77	54: 4:42N	65	3	NA	ND	75.41+- 1.1%		4102
9198	10/ 9/77	53:49: 0N	41	3	NA	10.03+-14.0%	89.61+- 1.3%	8.9	4103
9202	10/ 9/77	53:30: 0N	29	3	NA	11.84+-12.0%	87.95+- 1.3%	7.4	4104
9204	11/ 9/77	52:40:12N	31	3	NA	ND	30.86+- 2.5%		4105
9209	11/ 9/77	52:43: 0N	47	3	NA	13.51+-10.5%	88.80+- 1.3%	6.6	4106
9212	12/ 9/77	53:36: 0N		3	NA	14.50+- 9.8%	112.26+- 1.1%	7.7	4107
Site 38 Cirolana									
10001	20/ 9/77	53:20:18N	27	3	NA	9.18+-10.3%	109.70+- 0.7%	12.0	4829
10002	20/ 9/77	53: 0: 0N	27	3	NA	11.28+- 6.9%	119.62+- 0.5%	10.6	4828
10003	20/ 9/77	52:30: 0N	30	3	NA	13.17+- 5.9%	127.02+- 0.5%	9.6	4827
10004	20/ 9/77	52: 0: 0N	25	3	NA	ND	41.96+- 1.0%		4826
10005	21/ 9/77	51:30: 0N	26	3	NA	ND	47.29+- 0.9%		4825
10006	21/ 9/77	51: 0: 0N	31	3	NA	ND	42.70+- 1.0%		4903
10007	21/ 9/77	50:30: 0N	65	3	NA	ND	39.85+- 1.0%		4902
10008	21/ 9/77	50:24: 0N	37	3	NA	ND	24.31+- 1.6%		4824
10009	21/ 9/77	50:16: 0N	55	3	NA	ND	38.22+- 1.1%		4823
10010	21/ 9/77	50: 8:12N	68	3	NA	ND	46.06+- 0.9%		4822
10011	21/ 9/77	50: 0:30N	63	3	NA	ND	16.95+- 2.3%		4821
10012	22/ 9/77	49:54: 0N	85	3	NA	ND	6.18+- 6.3%		4820
10013	22/ 9/77	50: 0: 0N	67	3	NA	ND	17.32+- 2.2%		4819
10014	22/ 9/77	50:30: 0N	83	3	NA	ND	22.53+- 1.7%		4818
10015	22/ 9/77	51: 0: 0N	99	3	NA	ND	56.72+- 0.8%		4817
10015	22/ 9/77	51: 0: 0N	99	95	NA	ND	33.82+- 1.2%		4816
10016	22/ 9/77	51: 0: 0N	95	3	NA	ND	11.14+- 3.5%		4815
10017	22/ 9/77	51: 0: 0N	65	3	NA	ND	7.44+- 5.0%		4814
10017	22/ 9/77	51: 0: 0N	65	55	NA	ND	26.08+- 1.5%		4813

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
10018	22/ 9/77	51:30: 0N	55	3	NA	ND	22.24+- 1.7%		4812
10019	22/ 9/77	51:30: 0N	113	3	NA	ND	8.92+- 4.4%		4811
10019	22/ 9/77	51:30: 0N	113	104	NA	ND	11.99+- 3.2%		4810
10020	23/ 9/77	51:30: 0N	77	3	NA	ND	28.12+- 1.4%		4809
10021	23/ 9/77	51:30: 0N	87	3	NA	ND	47.99+- 0.9%		4808
10021	23/ 9/77	51:30: 0N	87	78	NA	ND	24.72+- 1.6%		4807
10022	23/ 9/77	51:55: 0N	67	3	NA	ND	72.78+- 0.6%		4806
10023	23/ 9/77	52: 0: 0N	97	3	NA	ND	56.57+- 0.8%		4805
10023	23/ 9/77	52: 0: 0N	97	88	NA	ND	54.28+- 0.8%		4804
10024	23/ 9/77	52: 0: 0N	77	3	NA	ND	20.87+- 1.9%		4803
10024	23/ 9/77	52: 0: 0N	77	68	NA	ND	19.24+- 2.0%		4802
10025	23/ 9/77	52:10: 3N	101	3	NA	8.84+- 9.0%	96.79+- 0.7%	10.9	4801
10026	23/ 9/77	52:19:48N	85	3	NA	15.43+- 5.3%	175.45+- 0.4%	11.4	4800
10026	23/ 9/77	52:19:48N	85	74	NA	15.50+- 5.3%	175.60+- 0.4%	11.3	4799
10027	23/ 9/77	52:19:57N	81	3	NA	ND	73.78+- 0.6%		4798
10028	24/ 9/77	52:20: 3N	21	3	NA	19.72+- 4.0%	177.04+- 0.4%	9.0	4797
10029	24/ 9/77	52:40: 6N	21	3	NA	31.78+- 7.2%	196.62+- 1.0%	6.2	4127
10030	24/ 9/77	52:40: 3N	49	3	NA	34.67+- 6.6%	270.69+- 0.7%	7.8	4128
10031	24/ 9/77	52:40: 3N	85	3	NA	22.98+- 9.8%	193.47+- 1.0%	8.4	4129
10032	24/ 9/77	52:40: 0N	63	3	NA	50.21+- 4.6%	437.52+- 0.5%	8.7	4130
10033	24/ 9/77	53: 4: 8N	21	3	NA	166.43+- 1.7%	1329.74+- 0.2%	8.0	4132
10034	24/ 9/77	53: 3:57N	89	3	NA	128.06+- 2.0%	1064.71+- 0.2%	8.3	4133
10034	24/ 9/77	53: 3:57N	89	84	NA	132.65+- 2.0%	1032.41+- 0.3%	7.8	4134
10035	24/ 9/77	53: 4: 3N	55	3	NA	62.42+- 3.8%	548.71+- 0.4%	8.8	4135
10035	24/ 9/77	53: 4: 3N	55	50	NA	69.00+- 3.4%	521.96+- 0.4%	7.6	4136
10036	24/ 9/77	53: 4: 0N	22	3	NA	89.39+- 2.8%	747.88+- 0.3%	8.4	4137
10037	24/ 9/77	53:19:30N	55	3	NA	35.59+- 7.5%	371.85+- 0.6%	10.4	4138
10037	24/ 9/77	53:19:30N	55	50	NA	83.81+- 2.9%	735.30+- 0.3%	8.8	4139
10038	24/ 9/77	53:19:15N	153	3	NA	107.93+- 2.4%	989.12+- 0.3%	9.2	4140
10038	24/ 9/77	53:19:15N	153	148	NA	106.60+- 2.4%	975.99+- 0.3%	9.2	4141

**Annex 3. Continued**  
**Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79**

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
10039	24/ 9/77	53:19: 0N	61	3	NA	159.10+- 1.8%	1393.12+- 0.2%	8.8	4142
10040	24/ 9/77	53:26:30N	51	3	NA	170.35+- 1.7%	1529.51+- 0.2%	9.0	4143
10041	24/ 9/77	53:34: 0N	93	3	NA	192.66+- 1.5%	1603.36+- 0.2%	8.3	4144
10042	25/ 9/77	53:54: 0N	39	3	NA	242.79+- 1.8%	1859.77+- 0.3%	7.7	4146
10044	25/ 9/77	53:53:54N	97	3	NA	193.55+- 2.2%	1360.53+- 0.3%	7.0	4147
10044	25/ 9/77	53:53:54N	97	92	NA	154.92+- 2.7%	1350.94+- 0.3%	8.7	4148
10045	25/ 9/77	53:44: 3N	80	3	NA	176.97+- 2.2%	1351.65+- 0.3%	7.6	4149
10046	25/ 9/77	53:34: 0N	81	3	NA	119.58+- 3.4%	1095.05+- 0.4%	9.2	4150
10046	25/ 9/77	53:34: 0N	81	76	NA	165.39+- 2.4%	1123.88+- 0.4%	6.8	4151
10048	25/ 9/77	53:34:30N	59	3	NA	140.90+- 2.8%	1003.92+- 0.4%	7.1	4152
10048	25/ 9/77	53:34:30N	59	54	NA	114.37+- 3.5%	1027.64+- 0.4%	9.0	4153
10049	25/ 9/77	53:51:12N	85	3	NA	175.82+- 2.3%	1200.35+- 0.3%	6.8	4154
10049	25/ 9/77	53:51:12N	85	80	NA	143.67+- 2.9%	1177.56+- 0.4%	8.2	4155
10050	25/ 9/77	54: 4: 3N	41	3	NA	147.63+- 2.8%	1277.61+- 0.3%	8.7	4156
10050	25/ 9/77	54: 4: 3N	41	35	NA	183.41+- 2.2%	1237.72+- 0.3%	6.7	4157
10051	25/ 9/77	53:54: 0N	51	3	NA	128.43+- 3.0%	930.22+- 0.4%	7.2	4158
10051	25/ 9/77	53:54: 0N	51	45	NA	138.05+- 2.8%	883.97+- 0.4%	6.4	4159
10052	25/ 9/77	53:45: 3N	45	3	NA	182.60+- 2.4%	1621.53+- 0.3%	8.9	4160
10052	25/ 9/77	53:45: 3N	45	40	NA	107.26+- 3.8%	834.42+- 0.5%	7.8	4161
10053	25/ 9/77	53:33:57N	43	3	NA	140.67+- 3.0%	1361.45+- 0.3%	9.7	4162
10053	25/ 9/77	53:33:57N	43	38	NA	177.19+- 2.5%	1554.07+- 0.3%	8.8	4163
10054	25/ 9/77	53:24: 0N	27	3	NA	692.23+- 1.1%	5627.26+- 0.1%	8.1	4164
10054	25/ 9/77	53:24: 0N	27	22	NA	704.78+- 1.0%	5739.00+- 0.1%	8.1	4165
10055	25/ 9/77	53:34: 0N	33	3	NA	517.41+- 1.2%	4362.08+- 0.2%	8.4	4166
10055	25/ 9/77	53:34: 0N	33	28	NA	516.56+- 1.2%	4394.97+- 0.1%	8.5	4167
10056	25/ 9/77	53:38: 6N	23	3	NA	1323.60+- 0.9%	10386.75+- 0.1%	7.8	4168
10056	25/ 9/77	53:38: 6N	23	18	NA	1273.39+- 0.9%	10183.66+- 0.1%	8.0	4169
10057	25/ 9/77	53:44: 0N	21	3	NA	1233.03+- 1.0%	9425.42+- 0.1%	7.6	4170
10057	25/ 9/77	53:44: 0N	21	16	NA	1276.02+- 1.0%	9759.53+- 0.1%	7.6	4171
10058	25/ 9/77	53:44: 9N	45	3	NA	335.29+- 1.6%	2735.19+- 0.2%	8.2	4172

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$		$^{137}\text{Cs}$		Ratio	Sample no.
						3:41: 9W	1.4%	3100.27+-	0.2%		
10058	25/ 9/77	53:44: 9N	45	40	NA	376.03+-	1.4%	3100.27+-	0.2%	8.2	4173
10059	26/ 9/77	53:55: 0N	32	3	NA	551.41+-	1.2%	4490.88+-	0.2%	8.1	4180
10059	26/ 9/77	53:55: 0N	32	30	NA	603.69+-	1.1%	4842.26+-	0.2%	8.0	4181
10060	26/ 9/77	53:54: 0N	19	3	NA	1582.71+-	0.8%	12097.08+-	0.1%	7.6	4174
10060	26/ 9/77	53:54: 0N	19	14	NA	1529.95+-	0.8%	11537.27+-	0.1%	7.5	4175
10061	26/ 9/77	54: 3:57N	19	3	NA	803.23+-	1.0%	6380.83+-	0.1%	7.9	4176
10061	26/ 9/77	54: 3:57N	19	12	NA	705.11+-	1.1%	5580.97+-	0.1%	7.9	4177
10062	26/ 9/77	54: 4: 6N	49	3	NA	277.28+-	1.8%	2313.65+-	0.2%	8.3	4178
10062	26/ 9/77	54: 4: 6N	49	42	NA	214.08+-	2.2%	1849.52+-	0.3%	8.6	4179
10063	26/ 9/77	54:14: 3N	25	3	NA	173.09+-	2.6%	1444.96+-	0.3%	8.3	4182
10063	26/ 9/77	54:14: 3N	25	20	NA	194.14+-	2.5%	1571.24+-	0.3%	8.1	4183
10064	26/ 9/77	54:23: 9N	39	3	NA	768.12+-	1.0%	6026.74+-	0.1%	7.8	4190
10064	26/ 9/77	54:23: 9N	39	30	NA	753.47+-	1.0%	5867.83+-	0.1%	7.8	4191
10065	26/ 9/77	54:31:42N	51	3	NA	1192.18+-	0.9%	9115.88+-	0.1%	7.6	4188
10065	26/ 9/77	54:31:42N	51	46	NA	1115.14+-	0.9%	8496.35+-	0.1%	7.6	4189
10066	26/ 9/77	54:43: 9N	25	3	NA	1003.92+-	0.9%	7616.49+-	0.1%	7.6	4186
10066	26/ 9/77	54:43: 9N	25	20	NA	950.49+-	1.0%	7357.78+-	0.1%	7.7	4187
10067	26/ 9/77	54:39:24N	18	3	NA	1177.75+-	0.9%	8731.52+-	0.1%	7.4	4184
10067	26/ 9/77	54:39:24N	18	13	NA	1203.05+-	0.9%	9081.83+-	0.1%	7.5	4185
10068	27/ 9/77	54:32:27N	25	3	NA	1996.04+-	0.8%	15015.86+-	0.1%	7.5	4192
10068	27/ 9/77	54:32:27N	25	20	NA	1898.80+-	0.8%	14120.53+-	0.1%	7.4	4193
10069	27/ 9/77	54:27:30N	21	3	NA	1554.70+-	1.1%	12096.22+-	0.2%	7.8	4216
10069	27/ 9/77	54:27:30N	21	16	NA	2292.56+-	0.8%	17780.35+-	0.1%	7.8	4217
10070	27/ 9/77	54:27: 6N	29	3	NA	2211.75+-	0.8%	16720.00+-	0.1%	7.6	4194
10070	27/ 9/77	54:27: 6N	29	24	NA	2333.29+-	0.8%	17778.57+-	0.1%	7.6	4195
10071	27/ 9/77	54:22: 3N	38	3	NA	3081.14+-	0.7%	23119.97+-	0.1%	7.5	4196
10071	27/ 9/77	54:22: 3N	38	32	NA	1744.36+-	0.8%	13415.53+-	0.1%	7.7	4197
10072	27/ 9/77	54:15:51N	38	3	NA	788.10+-	1.0%	5955.85+-	0.1%	7.6	4198
10072	27/ 9/77	54:15:51N	38	32	NA	638.69+-	1.1%	5068.44+-	0.1%	7.9	4199
10073	27/ 9/77	54:19:45N	33	3	NA	2584.89+-	0.7%	18869.52+-	0.1%	7.3	4202

**Annex 3. Continued**  
**Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79**

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
10073	27/ 9/77	54:19:45N	33	28	NA	1062.34+-	7852.77+-	0.1%	7.4
10074	28/ 9/77	54:22:48N	32	3	NA	3509.60+-	27409.12+-	0.1%	7.8
10074	28/ 9/77	54:22:48N	32	24	NA	3091.17+-	21760.88+-	0.1%	7.0
10075	27/ 9/77	54:25:33N	28	3	NA	5062.78+-	38526.62+-	0.1%	7.6
10075	27/ 9/77	54:25:33N	28	23	NA	5142.26+-	38329.78+-	0.1%	7.5
10076	27/ 9/77	54:26:27N	21	3	NA	17679.15+-	125001.91+-	%	7.1
10076	27/ 9/77	54:26:27N	21	16	NA	13586.10+-	98534.34+-	%	7.3
10077	27/ 9/77	54:24: 0N	20	3	NA	17656.81+-	127585.62+-	%	7.2
10077	27/ 9/77	54:24: 0N	20	15	NA	14250.18+-	102015.66+-	%	7.2
10079	27/ 9/77	54:23:42N	27	3	NA	3355.42+-	14902.53+-	0.1%	4.4
10079	27/ 9/77	54:23:42N	27	22	NA	2499.68+-	18567.23+-	0.1%	7.4
10080	27/ 9/77	54:21:39N	24	3	NA	14418.53+-	102612.10+-	0.1%	7.1
10080	27/ 9/77	54:21:39N	24	19	NA	3976.06+-	27649.14+-	0.1%	7.0
10081	27/ 9/77	54:19:30N	22	3	NA	2301.29+-	17607.45+-	0.1%	7.7
10081	27/ 9/77	54:19:30N	22	17	NA	1645.20+-	12387.90+-	0.1%	7.5
10082	27/ 9/77	54:14:18N	26	3	NA	354.24+-	2884.15+-	0.2%	8.1
10082	27/ 9/77	54:14:18N	26	22	NA	344.03+-	2789.10+-	0.2%	8.1
10083	28/ 9/77	54:33: 0N	47	3	NA	1362.56+-	9797.08+-	0.1%	7.2
10084	29/ 9/77	54:39: 0N	41	3	NA	498.28+-	3996.85+-	0.2%	8.0
10085	28/ 9/77	54:28: 0N	59	3	NA	278.09+-	2243.57+-	0.2%	8.1
10088	29/ 9/77	54:14: 9N	132	3	NA	216.52+-	1728.64+-	0.3%	8.0
10088	29/ 9/77	54:14: 9N	132	126	NA	188.00+-	1557.92+-	0.3%	8.3
10090	29/ 9/77	54:14:21N	40	3	NA	254.89+-	1972.62+-	0.3%	7.7
10091	29/ 9/77	54:24:24N	93	3	NA	220.45+-	1954.97+-	0.3%	8.9
10092	29/ 9/77	54:33: 6N	75	3	NA	226.70+-	1990.12+-	0.3%	8.8
10093	29/ 9/77	54:35: 0N	153	3	NA	247.72+-	2079.51+-	0.2%	8.4
10093	29/ 9/77	54:35: 0N	153	142	NA	265.44+-	2158.77+-	0.2%	8.1
10094	29/ 9/77	54:39: 6N	73	3	NA	374.44+-	3009.88+-	0.2%	8.0
10095	29/ 9/77	55: 0: 0N	135	3	NA	240.46+-	2177.56+-	0.2%	9.1
10096	30/ 9/77	55:25: 0N	6: 8: 0W	3	NA	149.78+-	1297.59+-	0.4%	8.7

Annex 3. Continued  
 Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered seawater (Bq m<sup>-3</sup>): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
10097	30/ 9/77	55:30: 0N	6:25: 0W	105	3	NA	575.79+- 0.2%	8.1	4796
10098	30/ 9/77	55:45: 0N	6:54: 0W	36	3	NA	780.22+- 0.2%	7.8	4795
10099	30/ 9/77	56:15: 0N	7:30: 0W	135	3	NA	46.32+- 0.9%		4794
10100	30/ 9/77	56:30: 0N	7:30: 0W	155	3	NA	32.56+- 1.2%		4793
10101	30/ 9/77	56:45: 0N	7: 0: 0W	155	3	NA	375.11+- 0.3%	7.9	4792
10102	30/ 9/77	57: 0: 0N	7: 0: 0W	129	3	NA	529.62+- 0.2%	8.1	4791
10103	1/10/77	57:30: 0N	6:51: 0W	149	3	NA	561.96+- 0.2%	8.0	4789
10104	1/10/77	58: 0: 0N	5:52: 0W	87	3	NA	576.16+- 0.2%	7.8	4787
10105	1/10/77	58:30: 0N	6: 0: 0W	95	3	NA	488.25+- 0.3%	7.8	4785
10106	2/10/77	59:30: 0N	7: 0: 0W	1005	3	NA	10.25+- 3.8%		4781
10107	2/10/77	59:30: 0N	5:30: 0W	109	3	NA	244.01+- 0.4%	7.9	4780
10110	2/10/77	59:30: 0N	4:30: 0W	105	3	NA	220.59+- 0.5%	8.7	4778
10117	2/10/77	59:30: 0N	3: 0: 0W	73	3	NA	573.43+- 0.2%	8.1	4775
10120	2/10/77	59:30: 0N	2: 0: 0W	115	3	NA	438.01+- 0.3%	8.3	4773
10121	2/10/77	59: 0: 0N	2: 0: 0W	75	3	NA	376.25+- 0.3%	7.2	4772
10122	2/10/77	58:20: 0N	2:50: 0W	61	3	NA	561.59+- 0.2%	7.9	4769
10123	3/10/77	58: 0: 0N	2: 0: 0W	89	3	NA	483.44+- 0.3%	8.3	4767
10124	3/10/77	57:30: 0N	1:30: 0W	83	3	NA	545.57+- 0.2%	8.0	4766
10125	3/10/77	57: 0: 0N	2: 0: 0W	61	3	NA	525.62+- 0.2%	8.3	4765
10126	3/10/77	56:30: 0N	2:30: 0W	31	3	NA	384.47+- 0.3%	8.4	4121
10127	3/10/77	56: 0: 0N	2: 0: 0W	73	3	NA	370.41+- 0.3%	8.7	4122
10128	3/10/77	55:30: 0N	1:20: 0W	60	3	NA	307.95+- 0.4%	8.9	4123
10129	3/10/77	55: 0: 0N	1: 0: 0W	70	3	NA	238.61+- 0.4%	8.6	4124
10130	3/10/77	54:40: 0N	0:30: 0W	56	3	NA	213.27+- 0.5%	7.9	4125
10131	3/10/77	54: 0: 0N	0: 6: 0W	37	3	NA	157.66+- 0.6%	8.1	4126
10232	24/ 9/77	52:51:48N	5:45:30W	55	3	NA	654.71+- 0.4%	9.0	4131
10241	25/ 9/77	53:43:48N	5:44: 0W	77	3	NA	1696.86+- 0.3%	7.4	4145
10285	29/ 9/77	54:24: 0N	4:57: 0W	85	3	NA	1971.95+- 0.3%	7.8	4222
10295	29/ 9/77	55:13: 0N	5:17: 0W	37	3	NA	1869.39+- 0.3%	8.8	4234
10302	30/ 9/77	57:15: 0N	6:57:18W	101	3	NA	547.30+- 0.2%	8.0	4790

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
10303	1/10/77	57:40: 0N	56	3	NA	74.93+- 1.7%	587.60+- 0.2%	7.8	4788
10304	1/10/77	58:12:18N	131	3	NA	74.33+- 1.7%	588.26+- 0.2%	7.9	4786
10305	1/10/77	58:54: 0N		3	NA	53.80+- 2.2%	400.64+- 0.3%	7.4	4784
10307	2/10/77	59:30: 0N	145	3	NA	29.05+- 3.8%	226.00+- 0.5%	7.8	4779
10310	2/10/77	59:30: 0N	140	3	NA	46.69+- 2.5%	387.98+- 0.3%	8.3	4777
10317	2/10/77	59:30: 0N	73	3	NA	63.23+- 2.0%	518.04+- 0.2%	8.2	4774
10321	2/10/77	59: 0: 0N	69	3	NA	74.63+- 1.7%	596.22+- 0.2%	8.0	4771
10322	3/10/77	58: 0:12N	57	3	NA	61.38+- 2.0%	534.35+- 0.2%	8.7	4768
10485	29/ 9/77	54:20: 0N	137	3	NA	260.29+- 1.9%	2041.33+- 0.3%	7.8	4223
10495	30/ 9/77	55:15: 0N	115	3	NA	187.18+- 2.4%	1600.58+- 0.3%	8.6	4235
10505	1/10/77	59: 3: 0N		3	NA	37.96+- 3.0%	282.31+- 0.4%	7.4	4783
10510	2/10/77	59:30: 0N	125	3	NA	60.72+- 2.0%	503.13+- 0.2%	8.3	4776
10521	2/10/77	58:40: 0N	69	3	NA	65.67+- 1.8%	500.20+- 0.2%	7.6	4770
10705	2/10/77	59:12: 0N	297	3	NA	ND	29.42+- 1.4%		4782
Site 39 Clione									
1001	9/ 1/77	52:20: 0N	44	3	NA	12.58+-28.1%	231.32+- 1.6%	18.4	2639
1002	9/ 1/77	52:35: 0N	61	3	NA	78.66+- 4.8%	723.28+- 0.6%	9.2	2640
1003	9/ 1/77	53: 5: 0N	18	3	NA	157.43+- 2.5%	1349.32+- 0.4%	8.6	2641
1014	10/ 1/77	53:59:30N	25	3	NA	351.54+- 0.9%	2767.45+- 0.2%	7.9	2645
1017	10/ 1/77	54: 1:36N	90	3	NA	392.05+- 0.8%	2951.82+- 0.2%	7.5	2646
1037	11/ 1/77	54:39:42N	66	3	NA	546.23+- 0.7%	4039.33+- 0.2%	7.4	2647
1038	11/ 1/77	54:40:24N	140	3	NA	521.92+- 0.7%	3811.85+- 0.2%	7.3	2648
1039	11/ 1/77	54:40: 0N	102	3	NA	497.02+- 0.7%	3652.94+- 0.2%	7.3	2649
1042	12/ 1/77	54:30: 0N	52	3	NA	462.72+- 0.7%	3415.88+- 0.2%	7.4	2650
1047	12/ 1/77	54:30:18N	22	3	NA	3854.81+- 0.4%	25950.43+- 0.2%	6.7	2651
1055	12/ 1/77	54:10:12N	62	3	NA	3075.07+- 0.4%	21042.05+- 0.2%	6.8	2652
1061	12/ 1/77	54: 0: 0N	62	3	NA	340.29+- 0.9%	2672.66+- 0.2%	7.9	2653
1071	15/ 1/77	53:40: 6N	63	3	NA	265.18+- 1.1%	2188.07+- 0.2%	8.3	2654

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
1071	15/ 1/77	53:40: 6N		3	NA	250.45+- 1.1%	2066.27+- 0.2%	8.3	2655
1072	15/ 1/77	53:30:30N	48	3	NA	314.17+- 1.0%	2593.63+- 0.2%	8.3	2656
1077	16/ 1/77	53:49:48N	20	3	NA	1157.73+- 0.5%	8408.03+- 0.2%	7.3	2657
1085	17/ 1/77	53:24:30N	26	3	NA	710.81+- 0.6%	5411.47+- 0.2%	7.6	2658
1095	21/ 1/77	53:20: 0N	56	3	NA	250.45+- 1.1%	2107.71+- 0.2%	8.4	2659
1096	21/ 1/77	52:34:36N	40	3	NA	115.37+- 2.2%	975.62+- 0.4%	8.5	2660
1097	21/ 1/77	52: 0:30N	62	3	NA	25.23+- 9.3%	291.89+- 0.9%	11.6	2661
Site 40 Corella/Dawn Sky									
5001	23/ 3/77	51: 0: 0N	34	3	35.035	ND	16.95+- 4.8%		3182
5002	24/ 3/77	50:30: 0N	50	3	35.128	ND	15.24+- 5.2%		3183
5003	24/ 3/77	50:16:30N	54	3	35.216	ND	16.80+- 4.7%		3184
5004	24/ 3/77	50: 0: 0N	74	3	35.312	ND	8.55+- 9.1%		3185
5005	24/ 3/77	50: 0: 0N	66	3	35.321	ND	8.77+- 9.1%		3186
5006	25/ 3/77	50:30: 0N	80	3	35.286	ND	13.36+- 6.0%		3187
5007	25/ 3/77	51: 0: 0N	82	3	35.182	ND	15.76+- 3.6%		3188
5008	25/ 3/77	51:30: 0N	110	3	35.145	ND	16.50+- 3.6%		3189
5009	25/ 3/77	52: 0: 0N	86	3	34.613	ND	27.08+- 2.2%		3190
5010	25/ 3/77	52:30: 0N	98	3	34.624	ND	41.44+- 2.4%		3019
5011	25/ 3/77	53: 0: 0N	70	3	34.484	14.39+-10.7%	125.21+- 1.3%	8.7	3020
5012	25/ 3/77	53:30: 0N	52	3	34.025	161.17+- 1.1%	1388.24+- 0.2%	8.6	3021
5012	25/ 3/77	53:30: 0N	52	49	34.100	193.03+- 1.0%	1622.67+- 0.2%	8.4	3022
5013	25/ 3/77	53:38:30N	58	3	34.316	110.44+- 1.5%	995.41+- 0.3%	9.0	3024
5013	25/ 3/77	53:38:30N	58	55	34.323	95.50+- 1.8%	901.32+- 0.3%	9.4	3023
5014	26/ 3/77	53:50: 0N	82	3	34.462	107.74+- 1.6%	920.01+- 0.3%	8.5	3025
5014	26/ 3/77	53:50: 0N	82	78	34.454	100.34+- 1.7%	855.03+- 0.3%	8.5	3026
5015	26/ 3/77	54: 0: 0N	51	3	34.351	125.87+- 1.4%	1066.12+- 0.3%	8.5	3027
5015	26/ 3/77	54: 0: 0N	51	48	34.347	114.55+- 1.5%	1035.04+- 0.3%	9.0	3028
5016	26/ 3/77	54:12: 0N	32	3	NA	239.57+- 1.7%	1983.05+- 0.3%	8.3	3007

**Annex 3. Continued**  
**Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79**

Station	Collection date	Position	Time	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
5016	26/ 3/77	54:12: 0N	4:14: 0W	32	28	34.073	210.01+-	1703.11+-	0.4%	3008
5017	26/ 3/77	54:25: 0N	4:16: 0W	32	3	33.594	329.23+-	2590.78+-	0.3%	3009
5017	26/ 3/77	54:25: 0N	4:16: 0W	32	25	33.701	318.38+-	2572.87+-	0.3%	3010
5018	26/ 3/77	54:30: 0N	4:24: 0W	46	3	33.789	374.51+-	3020.86+-	0.3%	3011
5018	26/ 3/77	54:30: 0N	4:24: 0W	46	43	33.869	355.31+-	2842.27+-	0.3%	3012
5019	26/ 3/77	54:37: 0N	4:24: 0W	52	3	NA	713.58+-	5496.09+-	0.2%	3013
5019	26/ 3/77	54:37: 0N	4:24: 0W	52	49	NA	713.32+-	5117.62+-	0.2%	3014
5020	26/ 3/77	54:41: 6N	4: 8:12W	37	3	NA	893.03+-	6483.29+-	0.2%	3015
5020	26/ 3/77	54:41: 6N	4: 8:12W	37	34	NA	631.55+-	4822.17+-	0.2%	3016
5021	26/ 3/77	54:44: 0N	3:53: 0W	23	3	32.645	1352.28+-	10170.60+-	0.2%	3145
5021	26/ 3/77	54:44: 0N	3:53: 0W	23	20	32.867	1036.15+-	8129.53+-	0.2%	3146
5022	26/ 3/77	54:29: 0N	3:52: 0W	36	3	32.571	1350.06+-	10310.35+-	0.2%	3147
5022	26/ 3/77	54:29: 0N	3:52: 0W	36	33	33.695	462.06+-	3794.09+-	0.2%	3148
5023	26/ 3/77	54:35: 0N	3:43: 0W	21	3	32.004	1273.61+-	9785.09+-	0.2%	3149
5023	26/ 3/77	54:35: 0N	3:43: 0W	21	18	32.512	1070.37+-	8102.93+-	0.2%	3150
5024	27/ 3/77	54:23:54N	3:33:54W	23	3	32.373	1783.73+-	13114.87+-	0.2%	3151
5024	27/ 3/77	54:23:54N	3:33:54W	23	20	32.910	1112.85+-	8417.83+-	0.2%	3152
5025	27/ 3/77	54:13: 0N	3:52: 0W	25	3	32.748	444.48+-	3638.10+-	0.2%	3153
5025	27/ 3/77	54:13: 0N	3:52: 0W	25	20	33.288	463.98+-	3796.46+-	0.2%	3154
5026	27/ 3/77	54:14: 0N	3:30: 0W	20	3	32.964	777.96+-	5914.19+-	0.2%	3157
5026	27/ 3/77	54:14: 0N	3:30: 0W	20	17	33.082	733.86+-	5237.24+-	0.2%	3158
5027	27/ 3/77	53:57:24N	3: 4:24W	23	3	31.788	613.20+-	4649.12+-	0.2%	3159
5028	28/ 3/77	54: 1:12N	3:20: 0W	22	3	33.035	589.78+-	4215.85+-	0.2%	3160
5028	28/ 3/77	54: 1:12N	3:20: 0W	22	17	33.154	472.56+-	3659.45+-	0.3%	3161
5029	28/ 3/77	53:46:18N	3:17:36W	20	3	31.981	725.31+-	5413.28+-	0.2%	3162
5029	28/ 3/77	53:46:18N	3:17:36W	20	15	32.177	636.36+-	4608.72+-	0.2%	3163
5030	28/ 3/77	53:38:48N	3:18: 0W	21	3	32.036	680.36+-	5078.55+-	0.2%	3164
5030	28/ 3/77	53:38:48N	3:18: 0W	21	15	32.429	605.80+-	4436.60+-	0.2%	3165
5031	28/ 3/77	53:29: 0N	3:29:18W	24	3	32.141	570.28+-	4163.09+-	0.2%	3166
5031	28/ 3/77	53:29: 0N	3:29:18W	24	21	33.130	377.44+-	2839.53+-	0.3%	3167

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
5032	28/ 3/77	53:23:42N	24	3	32.944	341.84+-	2644.32+-	0.3%	7.7
5032	28/ 3/77	53:23:42N	24	21	33.278	271.32+-	2197.50+-	0.3%	8.1
5033	28/ 3/77	53:23:42N	28	3	33.676	247.42+-	2081.95+-	0.3%	8.4
5033	28/ 3/77	53:23:42N	28	25	33.678	241.39+-	2045.95+-	0.3%	8.5
5034	28/ 3/77	53:38:42N	47	3	34.188	193.73+-	1412.55+-	0.4%	7.3
5034	28/ 3/77	53:38:42N	47	42	34.201	162.91+-	1278.50+-	0.4%	7.8
5035	28/ 3/77	53:46:12N	42	3	33.566	301.03+-	2278.50+-	0.3%	7.6
5035	28/ 3/77	53:46:12N	42	39	33.951	240.91+-	1789.39+-	0.3%	7.4
5036	28/ 3/77	54: 1: 0N	43	3	33.078	370.07+-	2938.54+-	0.3%	7.9
5036	28/ 3/77	54: 1: 0N	43	40	34.364	158.73+-	1314.98+-	0.3%	8.3
5037	29/ 3/77	53:46:30N	47	3	34.311	121.40+-	1126.50+-	0.3%	9.3
5037	29/ 3/77	53:46:30N	47	44	34.327	88.28+-	794.65+-	0.4%	9.0
5038	29/ 3/77	53:53:30N	4:25: 0W	3	34.401	104.04+-	890.11+-	0.4%	8.6
5038	29/ 3/77	53:53:30N	4:25: 0W	54	34.427	102.42+-	817.44+-	0.4%	8.0
5039	29/ 3/77	52: 4:30N	5:47: 0W	3	34.680	ND	48.95+-	1.2%	3191
5039	29/ 3/77	52: 4:30N	5:47: 0W	92	34.799	ND	34.56+-	1.7%	3192
5040	30/ 3/77	49:45: 0N	2:30: 0W	3	35.168	ND	12.25+-	4.7%	3193
5041	30/ 3/77	49:43:30N	2: 5:30W	3	35.133	ND	20.50+-	2.8%	3194
5042	31/ 3/77	50: 0: 0N	1: 0: 0W	3	35.147	ND	17.83+-	3.2%	3195
5043	31/ 3/77	50:30: 0N	1: 0: 0E	3	34.917	ND	20.20+-	2.8%	3196
Site 40 Corella/Dawn Sky									
7001	10/ 5/77	51: 0: 0N	1:20: 0E	3	34.938	ND	33.41+-	2.5%	3276
7002	10/ 5/77	50:29:36N	0: 0: 0W	3	35.072	ND	14.36+-	5.5%	3277
7003	10/ 5/77	50:15: 0N	2: 0: 0W	3	35.302	ND	11.54+-	6.9%	3278
7004	10/ 5/77	50: 0: 0N	4: 0: 0W	3	35.134	ND	9.99+-	7.8%	3279
7005	11/ 5/77	50: 0: 0N	5:50: 0W	3	35.264	ND	8.21+-	9.7%	3280
7006	11/ 5/77	50:30: 0N	6: 0: 0W	3	35.245	ND	14.91+-	5.3%	3281
7007	11/ 5/77	51: 0: 0N	6: 0: 0W	3	35.063	ND	19.68+-	4.1%	3282

Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
7008	11/ 5/77	51:30: 0N	112	3	34.826	ND	22.61+- 3.6%		3283
7009	11/ 5/77	52: 0: 0N	86	3	34.711	ND	29.53+- 4.6%		3309
7010	11/ 5/77	52:30: 0N	96	3	34.523	ND	21.50+- 6.3%		3310
7011	12/ 5/77	53: 0: 0N	46	3	34.499	7.18+-29.9%	163.84+- 1.4%	22.8	3311
7012	12/ 5/77	53:30: 0N	46	3	34.230	108.96+- 2.2%	1092.46+- 0.3%	10.0	3312
7012	12/ 5/77	53:30: 0N	46	42	34.206	112.63+- 2.1%	1107.26+- 0.3%	9.8	3313
7013	12/ 5/77	53:39: 0N	45	3	34.147	153.03+- 1.6%	1419.80+- 0.3%	9.3	3314
7013	12/ 5/77	53:39: 0N	45	41	34.140	152.59+- 1.2%	1325.41+- 0.2%	8.7	3315
7014	12/ 5/77	54: 1:30N	43	3	33.671	312.61+- 0.7%	2661.63+- 0.2%	8.5	3316
7014	12/ 5/77	54: 1:30N	43	39	33.732	302.62+- 0.7%	2575.68+- 0.2%	8.5	3317
7015	12/ 5/77	54:12: 0N	31	3	33.956	261.11+- 0.8%	2217.82+- 0.2%	8.5	3318
7015	12/ 5/77	54:12: 0N	31	27	34.007	239.50+- 0.8%	2071.41+- 0.2%	8.6	3319
7016	12/ 5/77	54:25: 0N	29	3	33.850	336.37+- 0.7%	2857.62+- 0.2%	8.5	3320
7016	12/ 5/77	54:25: 0N	29	25	33.946	296.04+- 0.7%	2401.19+- 0.2%	8.1	3321
7017	12/ 5/77	54:30: 0N	47	3	33.785	465.05+- 0.6%	3680.28+- 0.2%	7.9	3322
7017	12/ 5/77	54:30: 0N	47	44	33.765	472.53+- 0.6%	3814.07+- 0.2%	8.1	3323
7018	12/ 5/77	54:37: 0N	51	3	33.506	504.01+- 0.6%	4229.21+- 0.2%	8.4	3324
7018	12/ 5/77	54:37: 0N	51	49	32.491	523.77+- 0.5%	4163.13+- 0.2%	7.9	3325
7019	12/ 5/77	54:41: 0N	34	3	32.753	644.65+- 0.5%	5220.11+- 0.2%	8.1	3326
7019	12/ 5/77	54:41: 0N	34	31	33.463	444.78+- 0.6%	3866.32+- 0.2%	8.7	3327
7020	13/ 5/77	54:44: 6N	22	3	NA	1309.65+- 0.4%	10274.38+- 0.2%	7.8	3328
7020	13/ 5/77	54:44: 6N	22	19	NA	845.15+- 0.5%	6782.10+- 0.2%	8.0	3329
7021	13/ 5/77	54:38:48N	33	3	33.170	881.56+- 0.5%	7065.71+- 0.2%	8.0	3330
7021	13/ 5/77	54:38:48N	33	30	33.209	759.13+- 0.5%	6065.34+- 0.2%	8.0	3331
7022	13/ 5/77	54:35: 0N	24	3	31.932	1816.44+- 0.4%	13944.38+- 0.2%	7.7	3332
7022	13/ 5/77	54:35: 0N	24	22	32.928	1206.13+- 0.4%	9442.33+- 0.2%	7.8	3333
7023	13/ 5/77	54:29: 0N	37	3	32.765	1441.00+- 0.4%	11069.40+- 0.2%	7.7	3334
7023	13/ 5/77	54:29: 0N	37	35	33.319	742.81+- 0.6%	5862.61+- 0.2%	7.9	3335
7024	13/ 5/77	54:23:48N	19	3	32.119	11300.17+- 0.3%	77176.09+- 0.2%	6.8	3336
7024	13/ 5/77	54:23:48N	19	17	32.587	4409.96+- 0.4%	31530.77+- 0.2%	7.1	3337

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
7025	13/ 5/77	54:13: 6N	23	3	32.649	2165.61+- 0.4%	16065.14+- 0.2%	7.4	3338
7025	13/ 5/77	54:13: 6N	23	21	33.141	963.96+- 0.6%	7650.19+- 0.2%	7.9	3339
7026	13/ 5/77	54:14: 0N	24	3	32.971	700.85+- 0.8%	5732.30+- 0.2%	8.2	3340
7026	13/ 5/77	54:14: 0N	24	22	32.964	771.01+- 0.5%	5937.17+- 0.2%	7.7	3341
7027	14/ 5/77	53:38:48N	22	3	31.648	1026.20+- 0.4%	8152.91+- 0.2%	7.9	3342
7027	14/ 5/77	53:38:48N	22	20	32.411	534.91+- 0.6%	4561.58+- 0.2%	8.5	3343
7028	14/ 5/77	53:41: 6N	37	3	32.688	469.68+- 0.6%	3960.15+- 0.2%	8.4	3344
7028	14/ 5/77	53:41: 6N	37	35	31.864	274.95+- 0.8%	2396.08+- 0.2%	8.7	3345
7029	14/ 5/77	53:46:12N	20	3	31.862	1131.87+- 0.4%	8640.57+- 0.2%	7.6	3346
7029	14/ 5/77	53:46:12N	20	18	32.019	1020.20+- 0.4%	8027.93+- 0.2%	7.9	3347
7030	14/ 5/77	53:53:42N	23	3	32.083	883.45+- 0.5%	7073.25+- 0.2%	8.0	3348
7030	14/ 5/77	53:53:42N	23	21	33.119	457.58+- 0.6%	3713.47+- 0.2%	8.1	3349
7031	14/ 5/77	54: 1:24N	17	3	32.584	751.06+- 0.5%	6123.35+- 0.2%	8.2	3350
7031	14/ 5/77	54: 1:24N	17	15	32.695	714.17+- 0.6%	5860.17+- 0.2%	8.2	3351
7032	14/ 5/77	53:57:24N	40	3	31.773	1175.01+- 0.5%	9347.35+- 0.2%	8.0	3352
7033	16/ 5/77	53:46:18N	40	3	33.198	344.06+- 0.9%	2957.52+- 0.2%	8.6	3353
7033	16/ 5/77	53:46:18N	40	38	33.885	214.86+- 1.2%	1864.69+- 0.2%	8.7	3354
7034	16/ 5/77	53:28:48N	20	3	31.514	486.92+- 0.7%	4025.78+- 0.2%	8.3	3362
7034	16/ 5/77	53:28:48N	20	18	32.715	371.70+- 0.8%	3206.23+- 0.2%	8.6	3363
7035	16/ 5/77	53:24: 0N	23	3	32.787	357.09+- 0.9%	3134.34+- 0.2%	8.8	3364
7035	16/ 5/77	53:24: 0N	23	21	33.163	275.35+- 1.4%	2447.66+- 0.3%	8.9	3365
7036	16/ 5/77	53:23:36N	27	3	33.604	204.65+- 1.7%	1872.61+- 0.3%	9.2	3366
7036	16/ 5/77	53:23:36N	27	25	33.694	198.76+- 1.8%	1767.93+- 0.3%	8.9	3367
7037	16/ 5/77	53:46: 0N	46	3	34.192	127.10+- 2.1%	1256.04+- 0.3%	9.9	3368
7037	16/ 5/77	53:46: 0N	46	44	34.210	119.77+- 2.3%	1241.50+- 0.3%	10.4	3369
7038	16/ 5/77	53:46:18N	48	3	34.333	75.52+- 3.4%	856.14+- 0.4%	11.3	3370
7038	16/ 5/77	53:46:18N	48	46	34.336	85.51+- 3.1%	882.41+- 0.4%	10.3	3371
7039	17/ 5/77	53:38:24N	54	3	34.326	73.74+- 3.6%	795.50+- 0.4%	10.8	3372
7039	17/ 5/77	53:38:24N	54	52	34.328	70.60+- 3.7%	795.76+- 0.4%	11.3	3373
7040	17/ 5/77	53:54: 0N	47	3	34.339	109.59+- 2.4%	1144.71+- 0.3%	10.4	3374

## Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
7040	17/ 5/77	53:54: 0N	47	45	34.338	113.40+- 2.4%	1122.88+- 0.3%	9.9	3375
7041	17/ 5/77	53:50: 6N	81	3	34.392	103.90+- 2.5%	925.85+- 0.4%	8.9	3376
7041	17/ 5/77	53:50: 6N	81	79	34.385	102.60+- 2.5%	906.98+- 0.4%	8.8	3377
7042	17/ 5/77	53:44: 6N	54	3	34.395	91.61+- 2.8%	832.02+- 0.4%	9.1	3378
7042	17/ 5/77	53:44: 6N	54	52	34.390	95.57+- 2.8%	946.53+- 0.4%	9.9	3379
7043	17/ 5/77	53:44: 6N	105	3	34.236	160.25+- 1.7%	1361.38+- 0.3%	8.5	3380
7043	17/ 5/77	53:44: 6N	105	103	34.365	130.43+- 2.1%	1146.59+- 0.3%	8.8	3381
7044	17/ 5/77	53:44: 0N	36	3	34.080	178.71+- 1.6%	1576.61+- 0.3%	8.8	3382
7044	17/ 5/77	53:44: 0N	36	34	34.068	162.50+- 1.7%	1458.72+- 0.3%	9.0	3383
7045	17/ 5/77	54:14: 0N	31	3	NA	221.78+- 1.3%	1940.69+- 0.3%	8.8	3384
7045	17/ 5/77	54:14: 0N	31	29	NA	230.44+- 1.3%	1936.40+- 0.3%	8.4	3385
7046	17/ 5/77	54:14: 0N	117	3	NA	195.21+- 1.5%	1679.95+- 0.3%	8.6	3386
7046	17/ 5/77	54:14: 0N	117	115	NA	100.53+- 2.7%	947.09+- 0.4%	9.4	3387
7047	17/ 5/77	54:14: 6N	51	3	NA	136.42+- 2.0%	1313.02+- 0.3%	9.6	3388
7047	17/ 5/77	54:14: 6N	51	49	NA	141.86+- 2.0%	1228.51+- 0.3%	8.7	3389
7048	17/ 5/77	54:26: 0N	52	3	NA	221.11+- 1.4%	1900.21+- 0.3%	8.6	3390
7048	17/ 5/77	54:26: 0N	52	50	NA	193.77+- 1.5%	1873.86+- 0.3%	9.7	3391
7049	17/ 5/77	54:39: 0N	30	3	NA	229.14+- 1.2%	1917.86+- 0.2%	8.4	3392
7049	17/ 5/77	54:39: 0N	30	28	NA	216.45+- 1.2%	1843.64+- 0.2%	8.5	3393
7050	17/ 5/77	54:35: 0N	136	3	NA	213.30+- 1.3%	1801.12+- 0.3%	8.4	3394
7050	17/ 5/77	54:35: 0N	136	134	NA	153.44+- 1.7%	1405.30+- 0.3%	9.2	3395
7051	17/ 5/77	54:32:48N	48	3	NA	225.22+- 1.2%	2047.47+- 0.2%	9.1	3396
7051	17/ 5/77	54:32:48N	48	46	NA	210.57+- 1.3%	1881.04+- 0.2%	8.9	3397
7052	18/ 5/77	55: 0: 0N	128	3	NA	217.67+- 1.2%	1773.78+- 0.3%	8.1	3399
7053	18/ 5/77	55:25: 0N	113	3	NA	195.29+- 1.4%	1745.25+- 0.3%	8.9	3400
7054	18/ 5/77	55:42: 0N	56	3	NA	148.74+- 1.7%	1288.30+- 0.3%	8.7	3401
7055	18/ 5/77	56: 0: 0N	92	3	NA	17.28+-12.8%	222.89+- 1.1%	12.9	3402
7056	18/ 5/77	56:30: 0N	74	3	NA	91.06+- 1.8%	722.46+- 0.3%	7.9	3403
7057	18/ 5/77	56:44: 0N	142	3	NA	99.68+- 1.7%	839.57+- 0.3%	8.4	3404
7057	18/ 5/77	56:44: 0N	142	140	NA	10.91+-14.1%	107.97+- 1.5%	9.9	3405

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
7058	18/ 5/77	57:30: 0N	206	3	NA	130.98+- 1.4%	1103.38+- 0.2%	8.4	3406
7059	18/ 5/77	58: 0: 0N	84	3	NA	176.79+- 1.1%	1524.33+- 0.2%	8.6	3407
7060	19/ 5/77	58:30: 0N	90	3	NA	124.54+- 1.4%	1109.82+- 0.2%	8.9	3408
7061	19/ 5/77	58:40: 0N	67	3	NA	170.01+- 1.1%	1434.53+- 0.2%	8.4	3409
7062	19/ 5/77	58:40: 0N	70	3	NA	177.49+- 1.1%	1473.53+- 0.2%	8.3	3410
7063	19/ 5/77	58:37: 0N	64	3	NA	167.72+- 1.1%	1435.41+- 0.2%	8.6	3411
7064	19/ 5/77	58:45: 0N	90	3	NA	126.80+- 1.4%	1053.24+- 0.3%	8.3	3412
7065	19/ 5/77	58:37:42N	70	3	NA	78.18+- 2.9%	728.68+- 0.4%	9.3	3413
7066	19/ 5/77	58: 0: 0N	64	3	NA	57.72+- 2.3%	444.33+- 0.4%	7.7	3284
7067	19/ 5/77	57:30: 0N	68	3	NA	48.32+- 2.7%	404.52+- 0.4%	8.4	3285
7068	19/ 5/77	57: 0: 0N	60	3	NA	25.09+- 5.1%	265.03+- 0.6%	10.6	3286
7069	20/ 5/77	56:29:30N	70	3	NA	12.99+- 6.7%	112.30+- 0.9%	8.6	3287
7070	20/ 5/77	56: 0: 0N	76	3	NA	6.81+-12.8%	88.99+- 1.1%	13.1	3288
7071	20/ 5/77	55:30: 0N	76	3	NA	10.99+- 7.9%	104.01+- 0.9%	9.5	3289
7072	20/ 5/77	55: 0: 0N	74	3	NA	12.65+- 7.0%	104.60+- 1.0%	8.3	3290
7073	20/ 5/77	54:32:42N	40	3	NA	10.51+- 8.8%	109.74+- 0.9%	10.4	3291
7074	20/ 5/77	54: 4: 0N	74	3	NA	8.18+-10.9%	84.03+- 1.1%	10.3	3292
7075	20/ 5/77	53:27: 0N	30	3	NA	9.07+- 9.8%	88.36+- 1.1%	9.7	3293
Site 38 Cirolana									
1001	4/ 1/78	53:32:36N	55	3	34.471	20.83+- 4.0%	218.19+- 0.3%	10.5	5561
1002	6/ 1/78	54:13:51N	55	3	34.406	32.26+- 2.7%	313.61+- 0.3%	9.7	5562
1003	6/ 1/78	54:23: 6N	47	3	34.777	22.02+- 3.8%	217.38+- 0.3%	9.9	5563
1004	7/ 1/78	54: 0: 0N	45	3	34.858	15.80+- 5.2%	157.58+- 0.4%	10.0	5564
1005	7/ 1/78	53:30: 0N	25	3	34.674	25.09+- 3.3%	223.55+- 0.3%	8.9	5565
1006	7/ 1/78	53: 0: 0N	30	3	34.435	19.35+- 4.3%	198.36+- 0.4%	10.3	5566
1007	7/ 1/78	52: 0: 0N	30	3	34.524	18.39+- 4.4%	173.90+- 0.4%	9.5	5567
1008	8/ 1/78	52: 0: 0N	30	3	34.769	ND	43.62+- 1.0%	5568	
1009	8/ 1/78	51:30: 0N	36	3	34.474	ND	27.93+- 1.5%	5569	

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
1010	8/ 1/78	51: 0: 0N	0:20: 0E	3	34.792	ND	23.09+- 1.8%		5570
1011	8/ 1/78	50:30: 0N	0: 0: 0W	53	35.073	ND	ND		5571
1012	8/ 1/78	50:22:30N	1: 0: 0W	47	34.858	ND	21.61+- 1.9%		5572
1013	8/ 1/78	50:14: 0N	1:59:54W	59	35.165	ND	10.06+- 4.0%		5573
1014	8/ 1/78	50: 7:30N	3: 0: 0W	65	35.109	ND	9.10+- 4.5%		5574
1015	9/ 1/78	49:59:48N	4: 0: 0W	75	35.279	ND	8.81+- 4.8%		5575
1016	9/ 1/78	49:55:30N	5: 0: 0W	89	35.269	ND	6.59+- 5.9%		5576
1017	9/ 1/78	50: 0: 0N	5:50: 0W	73	35.231	ND	9.29+- 4.4%		5577
1018	9/ 1/78	50:30: 0N	6: 0: 0W	90	35.167	ND	13.25+- 3.1%		5578
1019	9/ 1/78	51: 0: 0N	6: 0: 0W	95	35.012	ND	8.92+- 4.6%		5579
1020	9/ 1/78	51:30: 0N	6: 0: 0W	113	35.082	ND	11.43+- 3.6%		5580
1021	9/ 1/78	52:19:42N	6: 9:54W	47	34.574	ND	37.52+- 2.2%		5588
1022	9/ 1/78	52:27:57N	6: 4: 0W	48	34.608	13.84+-15.0%	156.92+- 1.1%	11.3	5589
1023	9/ 1/78	52:27: 3N	5:51:30W	85	34.655	3.51+-45.8%	98.68+- 1.3%	28.1	5590
1024	9/ 1/78	52:37:24N	6: 0:27W	55	34.489	ND	50.25+- 1.7%		5591
1025	10/ 1/78	53: 4:27N	5:47: 6W	24	34.551	54.65+- 4.0%	556.33+- 0.4%	10.2	5592
1026	10/ 1/78	53:18:33N	5:52:12W	30	34.388	91.39+- 2.6%	897.29+- 0.3%	9.8	5593
1027	10/ 1/78	53:22:57N	5:59: 6W	31	33.780	116.66+- 2.1%	1143.74+- 0.2%	9.8	5594
1028	10/ 1/78	53:34: 0N	5:55: 0W	50	34.306	112.85+- 2.1%	1073.92+- 0.2%	9.5	5595
1029	10/ 1/78	53:44:30N	5:56: 9W	41	34.183	110.22+- 2.2%	1090.58+- 0.2%	9.9	5596
1030	10/ 1/78	53:54: 0N	5:59:54E	41	34.067	148.59+- 1.8%	1446.74+- 0.2%	9.7	5597
1034	18/ 1/78	53:20:42N	5:16:51W	164	34.695	45.10+- 3.8%	437.78+- 0.3%	9.7	5624
1034	18/ 1/78	53:20:42N	5:16:51W	164	34.694	27.01+- 6.5%	310.73+- 0.5%	11.5	5625
1037	18/ 1/78	53:22:15N	4:41:18W	46	33.854	234.80+- 1.7%	2100.71+- 0.2%	8.9	5623
1039	17/ 1/78	53:35: 0N	4:32:39W	51	34.246	134.27+- 2.6%	1278.76+- 0.3%	9.5	5622
1040	17/ 1/78	53:43:57N	4:35: 9W	63	34.286	158.69+- 2.2%	1357.90+- 0.3%	8.6	5620
1040	17/ 1/78	53:43:57N	4:35: 9W	63	34.290	156.88+- 2.3%	1356.86+- 0.3%	8.6	5621
1041	17/ 1/78	53:53: 0N	4:37:21W	63	34.220	165.43+- 2.6%	1591.52+- 0.3%	9.6	5619
1042	17/ 1/78	54: 2: 3N	4:39: 9W	43	34.091	213.97+- 2.1%	1916.82+- 0.3%	9.0	5618
1050	17/ 1/78	54:13: 6N	4:12: 9W	40	33.444	807.71+- 1.0%	6934.54+- 0.1%	8.6	5617

Annex 3. Continued  
 Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered seawater (Bq m<sup>-3</sup>): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
1051	15/ 1/78	53:57:48N	33	3	33.135	819.85+-	7102.26+-	0.1%	5606
1063	14/ 1/78	54:22:42N	20	3	NA	524.44+-	4572.39+-	0.2%	5605
1130	12/ 1/78	54:32:21N	30	3	31.631	471.12+-	4143.56+-	0.2%	5604
1132	12/ 1/78	54:41:57N	36	3	33.801	370.04+-	3241.05+-	0.2%	5602
1132	12/ 1/78	54:41:57N	36	35	33.806	356.42+-	2996.78+-	0.2%	5603
1134	12/ 1/78	54:46:24N	27	3	33.599	374.88+-	3369.55+-	0.2%	5601
1135	17/ 1/78	54:38:57N	58	3	33.973	235.50+-	2274.21+-	0.2%	5614
1136	17/ 1/78	54:32:57N	66	3	33.909	366.67+-	3091.24+-	0.2%	5615
1137	17/ 1/78	54:26:57N	42	3	34.142	212.68+-	1958.74+-	0.3%	5616
1138	11/ 1/78	54:38:54N	32	3	34.017	36.70+-	1174.60+-	0.3%	5600
1143	10/ 1/78	54:34: 0N	161	3	34.076	208.75+-	1870.90+-	0.3%	5599
1144	17/ 1/78	54:35: 3N	51	3	33.998	235.36+-	2116.84+-	0.2%	5610
1145	17/ 1/78	54:37:57N	171	3	34.014	244.09+-	2141.12+-	0.2%	5611
1145	17/ 1/78	54:37:57N	171	164	34.015	205.87+-	2073.85+-	0.3%	5612
1146	17/ 1/78	54:40: 0N	67	3	33.976	253.19+-	2271.17+-	0.2%	5613
1147	17/ 1/78	54:13:39N	39	3	34.037	243.50+-	2179.78+-	0.2%	5609
1149	17/ 1/78	54:13:51N	140	3	34.218	144.74+-	1516.19+-	0.3%	5607
1149	17/ 1/78	54:13:51N	140	133	34.228	141.75+-	1415.62+-	0.3%	5608
1151	10/ 1/78	54:14: 9N	46	3	34.174	185.07+-	1758.83+-	0.3%	5598
1330	11/ 1/78	53:53:33N	48	3	34.115	140.23+-	1151.59+-	0.2%	5585
1330	11/ 1/78	53:53:33N	48	3	34.139	138.38+-	1177.78+-	0.2%	5587
1330	11/ 1/78	53:53:33N	48	3	34.112	143.23+-	1195.62+-	0.2%	5586
1330	11/ 1/78	53:53:33N	48	3	34.100	138.45+-	1144.96+-	0.2%	5581
1330	11/ 1/78	53:53:33N	48	3	34.116	137.34+-	1134.68+-	0.2%	5582
1330	11/ 1/78	53:53:33N	48	3	34.117	134.27+-	1149.37+-	0.2%	5583
1330	11/ 1/78	53:53:33N	48	3	34.117	139.75+-	1128.17+-	0.2%	5584

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
Site 38 Cirolana									
4002	30/ 3/78	54: 0: 0N	52	3	34.550	41.18+- 4.2%	357.83+- 0.4%	8.7	10000
4003	30/ 3/78	54:22:42N	40	3	34.693	40.81+- 5.3%	370.52+- 0.5%	9.1	10001
4004	31/ 3/78	54:14:12N	60	3	34.283	42.88+- 2.3%	411.92+- 0.2%	9.6	10002
4005	31/ 3/78	54:29:54N	48	3	34.030	43.44+- 2.9%	445.29+- 0.3%	10.3	10003
4006	31/ 3/78	54:41: 9N	50	3	34.051	48.88+- 2.5%	479.15+- 0.3%	9.8	10004
4007	31/ 3/78	54:56:30N	54	3	33.803	47.14+- 2.6%	472.45+- 0.3%	10.0	10005
4009	31/ 3/78	55: 5: 0N	64	3	34.361	51.50+- 4.1%	464.24+- 0.4%	9.0	10006
4010	31/ 3/78	55:30: 0N	88	3	34.470	46.14+- 4.5%	465.35+- 0.4%	10.1	10007
4011	31/ 3/78	55:59:58N	78	3	34.898	39.96+- 5.1%	389.83+- 0.5%	9.8	10008
4012	1/ 4/78	56:30: 0N	72	3	34.762	45.21+- 4.3%	395.71+- 0.4%	8.8	10009
4013	1/ 4/78	57: 6: 0N	68	3	34.674	29.12+- 6.0%	323.97+- 0.4%	11.1	10010
4014	1/ 4/78	57:30: 0N	100	3	34.870	21.53+- 8.7%	236.13+- 0.5%	11.0	10011
4015	1/ 4/78	58: 0: 0N	112	3	35.026	14.24+-11.6%	152.11+- 0.7%	10.7	10012
4016	1/ 4/78	58:30: 0N	92	3	35.152	5.88+-28.3%	125.87+- 0.9%	21.4	10013
4017	1/ 4/78	59: 0: 0N		3	35.080	5.18+-32.5%	104.27+- 1.1%	20.1	10014
4018	1/ 4/78	59:30: 0N		3	34.945	13.84+-13.6%	178.56+- 0.7%	12.9	10015
4019	2/ 4/78	60: 0:12N	160	3	35.254	ND	29.67+- 2.5%		10016
4021	2/ 4/78	60:12:24N	500	3	35.273	ND	16.87+- 4.2%		10017
4022	2/ 4/78	60: 9:18N	1050	3	35.257	ND	13.54+- 5.2%		10018
4023	2/ 4/78	60: 6:42N	1250	3	35.247	ND	7.84+- 9.4%		10019
4024	2/ 4/78	60: 3: 6N	500	3	35.272	ND	8.47+- 7.9%		10020
4025	3/ 4/78	59:40:12N	180	3	35.380	ND	11.73+- 6.0%		10021
4027	3/ 4/78	59:31:54N	275	3	35.317	ND	6.33+-10.8%		10022
4028	3/ 4/78	59:19:30N	1050	3	35.298	ND	8.29+- 8.9%		10023
4029	3/ 4/78	59: 5:48N	2500	3	35.322	ND	10.99+- 6.2%		10024
4031	3/ 4/78	58:49:54N	1740	3	35.359	ND	8.14+- 8.4%		10025
4032	3/ 4/78	58:34: 6N		3	35.387	ND	10.21+- 7.8%		10026
4033	4/ 4/78	58: 2:24N	274	3	35.343	ND	6.44+-10.9%		10027

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
4034	4/ 4/78	57:52: 6N 12:15: 6W	30	3	35.354	ND	7.18+-10.1%		10028
4035	4/ 4/78	57:43:36N 10:59:24W		3	35.335	ND	7.73+- 8.4%		10029
4038	5/ 4/78	57:29:54N 8:59:36W	145	3	35.204	ND	65.38+- 1.1%		10030
4039	5/ 4/78	56:57: 0N 10:59:48W	1690	3	35.315	ND	9.69+- 7.3%		10031
4040	5/ 4/78	56:27: 0N 12:32:18W	2370	3	35.331	ND	6.66+- 9.7%		10032
4041	6/ 4/78	55:31:24N 9:26:12W	250	3	35.399	ND	5.81+-11.8%		10033
4044	6/ 4/78	55:19:24N 10:58:24W		3	35.351	ND	3.26+-22.7%		10034
4046	6/ 4/78	55: 6:24N 13: 2:24W		3	35.348	ND	3.11+-22.6%		10035
4047	7/ 4/78	54:33:18N 11:59:24W	2740	3	35.378	ND	2.70+-26.0%		10036
4048	7/ 4/78	54: 0: 6N 11: 0:30W	213	3	35.352	ND	5.99+-11.4%		10037
4052	7/ 4/78	53:49:42N 13: 0:48W	320	3	35.356	ND	7.21+- 9.5%		10038
4053	8/ 4/78	53:49:42N 14:29:48W	2930	3	35.335	ND	6.33+-10.8%		10039
4054	8/ 4/78	53:15:54N 14:29:54W	380	3	35.363	ND	6.70+-11.0%		10040
4058	8/ 4/78	53: 1: 0N 11:55: 0W	196	3	35.433	ND	7.10+- 9.9%		10041
4060	9/ 4/78	52:37:18N 12:59:12W	530	3	35.448	ND	6.96+-10.1%		10042
4064	9/ 4/78	50:57: 0N 10:59: 0W	172	3	35.463	ND	5.77+-11.9%		10043
4066	10/ 4/78	50:29:36N 9:30:12W	124	3	35.243	ND	14.65+- 4.5%		10044
4067	10/ 4/78	50:14:42N 10:16: 6W	135	3	35.449	ND	9.14+- 7.9%		10045
4070	10/ 4/78	49:25:48N 9:26:24W	326	3	35.441	ND	12.77+- 5.4%		10045
4137	26/ 4/78	50: 5:24N 7:43: 6W	113	3	35.116	ND	38.66+- 1.8%		10047
4138	26/ 4/78	49:49: 0N 5: 0: 0W	96	3	35.149	ND	13.54+- 2.7%		10048
4140	26/ 4/78	50: 3: 0N 3: 0: 0W	64	3	35.105	ND	8.18+- 9.0%		10049
4141	27/ 4/78	50:25:12N 0:57: 0W	32	3	34.643	ND	9.43+- 7.3%		10050
4142	27/ 4/78	50:50:24N 0:55:12E	41	3	34.842	ND	10.73+- 6.9%		10051
4143	27/ 4/78	51: 0: 0N 1:14: 0E	30	3	34.757	ND	12.02+- 5.8%		10052
4144	27/ 4/78	50:30: 0N 1:44: 0E	40	3	34.343	ND	16.09+- 4.5%		10053
4145	27/ 4/78	52: 0: 0N 1:51:30E	30	3	34.572	ND	61.09+- 1.2%		10054
4146	27/ 4/78	52:35: 0N 2: 0: 0E	27	3	33.536	23.05+- 6.4%	277.98+- 0.4%	12.1	10055
4147	28/ 4/78	53: 0: 0N 1:30:12E	29	3	33.797	28.93+- 5.6%	333.96+- 0.4%	11.5	10056

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
Site 38 Cirolana									
5001	8/ 5/78	53:35: 0N	19	3	34.503	35.70+-	393.27+-	0.3%	11.0
5002	9/ 5/78	53:30: 0N	19	3	34.678	27.75+-	294.78+-	0.4%	10.6
5003	9/ 5/78	53:33: 0N	28	3	34.238	19.24+-	210.46+-	0.5%	10.9
5004	9/ 5/78	53:30: 0N	25	3	34.760	ND	26.31+-	1.5%	10060
5005	9/ 5/78	53:30: 0N	22	3	33.367	ND	33.78+-	1.4%	10061
5006	9/ 5/78	53: 0: 0N	23	3	34.831	ND	20.91+-	1.9%	10062
5007	9/ 5/78	52:30: 0N	25	3	34.850	ND	17.09+-	2.6%	10063
5008	9/ 5/78	52:30: 0N	36	3	35.045	ND	12.62+-	3.1%	10064
5009	9/ 5/78	52:30: 0N	24	3	33.570	21.13+-	260.78+-	0.4%	12.3
5010	9/ 5/78	52: 0: 0N	29	3	34.483	ND	35.22+-	1.2%	10066
5011	10/ 5/78	52: 0: 0N	36	3	34.693	ND	17.76+-	2.4%	10067
5012	10/ 5/78	52: 0: 0N	28	3	33.888	ND	23.83+-	2.0%	10068
5013	10/ 5/78	51:37: 0N	30	3	32.978	ND	29.71+-	2.3%	10069
5014	10/ 5/78	51:30: 0N	40	3	34.714	ND	16.98+-	2.3%	10070
5015	10/ 5/78	51: 0: 0N	27	3	34.964	ND	10.18+-	3.6%	10071
5016	10/ 5/78	50:38:48N	40	3	35.083	ND	13.99+-	2.6%	10072
5017	10/ 5/78	50:30:12N	46	3	35.036	ND	11.69+-	3.2%	10073
5018	10/ 5/78	50:20: 0N	52	3	34.735	ND	11.06+-	3.3%	10074
5019	10/ 5/78	50:11: 0N	67	3	34.981	ND	16.61+-	2.4%	10075
5020	11/ 5/78	49:44: 0N	60	3	34.734	ND	40.63+-	1.0%	10076
5021	11/ 5/78	49:55: 0N	66	3	35.080	ND	8.29+-	4.5%	10077
5022	11/ 5/78	49:57: 0N	75	3	35.131	ND	8.21+-	4.5%	10078
5023	11/ 5/78	49:53:30N	80	3	35.009	ND	11.47+-	3.2%	10079
5024	11/ 5/78	50: 0: 0N	65	3	35.068	ND	11.10+-	3.7%	10080
5025	11/ 5/78	50:30: 0N	80	3	35.142	ND	12.84+-	2.9%	10081
5026	11/ 5/78	51: 3: 6N	113	3	34.956	ND	14.54+-	2.5%	10082
5026	11/ 5/78	51: 3: 6N	113	104	34.944	ND	17.02+-	2.3%	10083
5027	11/ 5/78	51:25: 0N	96	3	34.957	ND	16.35+-	2.4%	10084

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
5028	12/ 5/78	51:43: 0N	116	3	34.434	ND	26.16+- 1.5%		10085
5029	12/ 5/78	52: 0: 9N	81	3	34.581	ND	35.19+- 1.2%		10086
5029	12/ 5/78	52: 0: 9N	81	73	34.607	ND	37.59+- 1.6%		10087
5030	12/ 5/78	52: 8: 0N	90	3	34.735	ND	23.46+- 1.7%		10088
5031	12/ 5/78	52:16:21N	44	3	34.568	ND	26.08+- 1.6%		10089
5031	12/ 5/78	52:16:21N	44	35	34.568	ND	28.08+- 1.4%		10090
5032	12/ 5/78	52:17:30N	75	3	34.504	9.32+-11.9%	98.49+- 0.9%	10.6	10091
5033	12/ 5/78	52:17:30N	20	3	33.925	22.76+- 5.0%	243.94+- 0.4%	10.7	10092
5034	12/ 5/78	52:35: 0N	15	3	33.617	14.98+-14.7%	228.03+- 0.7%	15.2	10093
5035	12/ 5/78	52:35: 0N	46	3	34.381	6.33+-34.5%	158.43+- 1.0%	25.0	10094
5036	12/ 5/78	52:35: 0N	82	3	34.743	ND	40.29+- 2.1%		10095
5037	12/ 5/78	52:35: 0N	70	3	34.410	9.99+-21.9%	161.84+- 1.0%	16.2	10096
5038	12/ 5/78	53: 4: 3N	17	1	34.390	NA	NA		10097
5038	12/ 5/78	53: 4: 3N	17	3	NA	74.85+- 3.5%	809.26+- 0.3%	10.8	10098
5038	12/ 5/78	53: 4: 3N	17	7	34.354	73.85+- 3.9%	840.83+- 0.3%	11.4	10099
5038	12/ 5/78	53: 4: 3N	17	16	34.358	77.00+- 3.7%	870.79+- 0.3%	11.3	10100
5039	13/ 5/78	53:33:36N	40	3	33.328	120.99+- 2.8%	1475.67+- 0.2%	12.2	10101
5040	13/ 5/78	53:34:30N	84	3	31.486	34.74+- 8.5%	555.11+- 0.4%	16.0	10102
5040	13/ 5/78	53:34:30N	84	77	34.306	29.27+-10.2%	445.07+- 0.5%	15.2	10103
5041	12/ 5/78	53: 4: 3N	88	2	34.500	NA	NA		10104
5041	12/ 5/78	53: 4: 3N	88	3	NA	29.27+- 8.8%	415.92+- 0.5%	14.2	10105
5041	12/ 5/78	53: 4: 3N	88	44	34.506	30.04+- 9.1%	402.04+- 0.6%	13.4	10106
5041	12/ 5/78	53: 4: 3N	88	87	34.520	37.89+- 6.3%	420.54+- 0.5%	11.1	10107
5042	12/ 5/78	53: 4: 0N	61	2	34.630	NA	NA		10108
5042	12/ 5/78	53: 4: 0N	61	3	NA	8.62+-29.0%	136.31+- 1.4%	15.8	10109
5042	12/ 5/78	53: 4: 0N	61	28	34.630	9.18+-27.8%	95.02+- 2.0%	10.4	10110
5042	12/ 5/78	53: 4: 0N	61	61	34.677	10.03+-27.7%	100.08+- 2.1%	10.0	10111
5043	13/ 5/78	53: 4: 0N	24	2	NA	NA	NA		10113
5043	13/ 5/78	53: 4: 0N	24	3	34.449	26.08+- 9.7%	288.45+- 0.7%	11.1	10112
5043	13/ 5/78	53: 4: 0N	24	8	33.744	36.22+- 8.8%	347.06+- 0.7%	9.6	10114

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
5043	13/ 5/78	53: 4: 0N	24	24	34.294	35.30+-	351.65+-	0.6%	10115
5044	13/ 5/78	53:19: 3N	71	3	28.123	35.19+-	376.66+-	0.6%	10116
5044	13/ 5/78	53:19: 3N	71	61	11.589	38.00+-	461.21+-	0.5%	10117
5045	13/ 5/78	53:35: 0N	82	3	34.789	65.27+-	751.99+-	0.4%	10118
5046	13/ 5/78	53:35: 0N	48	3	34.920	NA	NA		10119
5047	13/ 5/78	53:33:57N	46	3	34.741	102.01+-	1156.77+-	0.3%	10120
5047	13/ 5/78	53:33:57N	46	39	32.394	88.02+-	1036.48+-	0.3%	10121
5048	13/ 5/78	53:24: 0N	23	3	31.193	169.13+-	1855.22+-	0.2%	10122
5048	13/ 5/78	53:24: 0N	23	16	31.672	266.44+-	2733.93+-	0.2%	10123
5050	13/ 5/78	53:34: 0N	28	3	32.438	352.79+-	3655.23+-	0.2%	10124
5051	13/ 5/78	53:38: 0N	17	3	33.148	465.20+-	4575.68+-	0.1%	10125
5051	13/ 5/78	53:38: 0N	17	12	34.928	506.90+-	5172.78+-	0.1%	10126
5053	13/ 5/78	53:44: 0N	15	3	34.574	557.48+-	5455.83+-	0.1%	10127
5054	16/ 5/78	53:53:54N	23	3	NA	551.11+-	5539.01+-	0.1%	10128
5054	16/ 5/78	53:53:54N	23	19	NA	486.48+-	5008.65+-	0.1%	10129
5056	16/ 5/78	54: 4: 0N	23	3	NA	385.21+-	3896.84+-	0.2%	10130
5056	16/ 5/78	54: 4: 0N	23	20	NA	335.26+-	3489.10+-	0.2%	10131
5058	16/ 5/78	53:54: 0N	28	3	NA	352.68+-	3636.92+-	0.2%	10132
5058	16/ 5/78	53:54: 0N	28	22	NA	345.65+-	3609.87+-	0.2%	10133
5059	13/ 5/78	53:44: 0N	43	3	33.616	396.71+-	3952.19+-	0.2%	10134
5060	14/ 5/78	53:45: 0N	49	3	27.434	132.79+-	1396.97+-	0.2%	10135
5060	14/ 5/78	53:45: 0N	49	42	32.373	69.52+-	846.26+-	0.3%	10136
5062	14/ 5/78	53:54: 0N	57	3	33.235	78.00+-	781.07+-	0.3%	10137
5062	14/ 5/78	53:54: 0N	57	50	33.941	64.49+-	767.71+-	0.3%	10138
5064	16/ 5/78	54: 3:48N	39	3	NA	104.04+-	1385.95+-	0.3%	10139
5064	16/ 5/78	54: 3:48N	39	36	NA	88.28+-	1115.48+-	0.4%	10140
5065	14/ 5/78	53:50: 0N	60	3	34.451	38.07+-	436.30+-	0.5%	10141
5065	14/ 5/78	53:50: 0N	60	53	28.295	50.99+-	585.97+-	0.4%	10142
5067	14/ 5/78	53:53:51N	100	3	33.295	116.74+-	1297.52+-	0.2%	10143
5067	14/ 5/78	53:53:51N	100	93	10.054	22.27+-	373.92+-	0.6%	10144

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
5069	14/ 5/78	53:54: 0N	6: 0: 0W	3	33.038	137.46+- 2.3%	1481.81+- 0.2%	10.8	10145
5070	14/ 5/78	54:14:30N	5:31: 0W	3	29.209	140.71+- 2.3%	1526.66+- 0.2%	10.8	10146
5072	14/ 5/78	54:14:30N	5: 7: 0W	3	34.742	151.92+- 2.3%	1508.38+- 0.2%	9.9	10147
5074	14/ 5/78	54:14:30N	4:44: 0W	3	34.660	161.32+- 2.9%	1619.01+- 0.3%	10.0	10148
5076	14/ 5/78	54:26:54N	4:41: 3W	3	32.450	167.35+- 2.7%	1590.30+- 0.3%	9.5	10149
5076	14/ 5/78	54:26:54N	4:41: 3W	51	29.319	163.35+- 3.0%	1624.71+- 0.3%	9.9	10150
5078	14/ 5/78	54:24:57N	5: 4:57W	3	29.315	145.82+- 3.1%	1485.99+- 0.3%	10.2	10151
5079	14/ 5/78	54:24: 0N	5:19: 0W	3	34.310	123.03+- 3.8%	1596.22+- 0.3%	13.0	10152
5081	14/ 5/78	54:35: 0N	5:25: 0W	3	34.986	115.14+- 4.0%	1649.13+- 0.3%	14.3	10153
5082	14/ 5/78	54:36:57N	5:12: 0W	3	34.640	125.80+- 3.8%	1721.43+- 0.3%	13.7	10154
5082	14/ 5/78	54:36:57N	5:12: 0W	153	27.296	140.45+- 3.3%	1657.19+- 0.3%	11.8	10155
5083	15/ 5/78	54:39:27N	5: 2: 3W	146	25.713	407.48+- 1.6%	4405.55+- 0.2%	10.8	10156
5084	15/ 5/78	54:39: 0N	4:37:45W	3	34.804	581.12+- 1.4%	5744.18+- 0.1%	9.9	10157
5085	15/ 5/78	54:31: 3N	4:21: 0W	3	24.772	431.35+- 1.5%	4353.16+- 0.2%	10.1	10158
5086	15/ 5/78	54:44:30N	4:13: 0W	3	34.273	777.30+- 1.4%	7684.86+- 0.2%	9.9	10159
5088	15/ 5/78	54:44: 0N	3:50: 0W	3	33.311	854.48+- 1.3%	8256.85+- 0.2%	9.7	10160
5089	15/ 5/78	54:35:30N	3:47:30W	3	30.477	762.87+- 1.4%	7516.11+- 0.2%	9.9	10161
5090	15/ 5/78	54:27: 0N	3:48:48W	3	NA	824.73+- 1.4%	7990.26+- 0.2%	9.7	10162
5092	15/ 5/78	54:31:36N	4: 5:54W	3	24.501	533.65+- 1.5%	5456.80+- 0.2%	10.2	10163
5092	15/ 5/78	54:31:36N	4: 5:54W	36	33.467	595.40+- 1.6%	5818.69+- 0.2%	9.8	10164
5093	15/ 5/78	54:23: 0N	4: 7: 3W	3	29.847	935.73+- 1.3%	8663.00+- 0.2%	9.3	10165
5093	15/ 5/78	54:23: 0N	4: 7: 3W	24	33.487	720.95+- 1.5%	6989.30+- 0.2%	9.7	10166
5095	15/ 5/78	54:14: 0N	4: 7: 0W	20	33.463	1216.12+- 1.2%	11244.63+- 0.1%	9.2	10167
5096	17/ 5/78	54: 4: 0N	3:50: 0W	3	NA	254.12+- 2.7%	2420.65+- 0.3%	9.5	10168
5096	17/ 5/78	54: 4: 0N	3:50: 0W	49	NA	107.45+- 7.2%	1303.36+- 0.6%	12.1	10169
5098	17/ 5/78	54:11:15N	3:34: 9W	3	NA	370.26+- 2.2%	3599.18+- 0.3%	9.7	10170
5100	17/ 5/78	54:14:18N	3:29: 0W	3	NA	389.17+- 1.6%	3906.39+- 0.2%	10.0	10171
5102	17/ 5/78	54:15:42N	3:42:30W	3	NA	1594.96+- 1.0%	14477.62+- 0.1%	9.1	10172
5103	17/ 5/78	54:12:33N	3:50: 0W	3	NA	942.80+- 1.2%	9045.72+- 0.1%	9.6	10173
5105	15/ 5/78	54:21:51N	3:49:27W	3	NA	924.11+- 1.2%	9074.62+- 0.1%	9.8	10174

**Annex 3. Continued**  
**Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79**

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
5105	15/ 5/78	54:21:51N	45	41	NA	198.10+-	2066.19+-	0.3%	10.4
5107	18/ 5/78	54:19:42N	30	3	NA	913.71+-	8536.68+-	0.2%	9.3
5107	18/ 5/78	54:19:42N	30	27	NA	280.61+-	2800.34+-	0.4%	10.0
5108	17/ 5/78	54:19: 6N	21	3	NA	1303.70+-	13867.82+-	0.2%	10.6
5108	17/ 5/78	54:19: 6N	21	18	NA	698.49+-	7057.60+-	0.2%	10.1
5109	17/ 5/78	54:21:36N	22	3	NA	1868.57+-	17834.48+-	0.1%	9.5
5109	17/ 5/78	54:21:36N	22	18	NA	991.30+-	9600.65+-	0.2%	9.7
5111	18/ 5/78	54:24: 0N	24	3	NA	1822.88+-	17195.56+-	0.1%	9.4
5111	18/ 5/78	54:24: 0N	24	3	NA	1792.58+-	17074.24+-	0.1%	9.5
5111	18/ 5/78	54:24: 0N	24	21	NA	1929.73+-	18982.96+-	0.1%	9.8
5112	18/ 5/78	54:23: 3N	26	3	35.149	2213.97+-	20423.04+-	0.1%	9.2
5112	18/ 5/78	54:23: 3N	26	23	34.302	756.84+-	7637.84+-	0.2%	10.1
5113	16/ 5/78	54:22:48N	32	3	NA	925.11+-	8869.97+-	0.1%	9.6
5113	16/ 5/78	54:22:48N	32	29	NA	258.00+-	2556.22+-	0.1%	9.9
5114	18/ 5/78	54:25:33N	27	3	NA	2679.24+-	25096.95+-	0.1%	9.4
5114	18/ 5/78	54:25:33N	27	24	NA	3950.49+-	36922.38+-	0.1%	9.3
5115	18/ 5/78	54:26:18N	19	3	NA	2114.33+-	19795.81+-	0.1%	9.4
5116	18/ 5/78	54:28:30N	19	3	NA	2625.82+-	24133.95+-	0.1%	9.2
5116	18/ 5/78	54:28:30N	19	16	NA	9030.89+-	84458.79+-	0.1%	9.4
5117	19/ 5/78	54:32:30N	27	3	NA	854.26+-	8294.10+-	0.1%	9.7
5118	19/ 5/78	54:42: 0N	24	3	NA	849.71+-	8234.28+-	0.1%	9.7
5120	17/ 5/78	54:12: 0N	27	2	32.970	NA	NA		10196
5120	17/ 5/78	54:12: 0N	27	3	NA	315.17+-	3374.73+-	0.2%	10.7
5120	17/ 5/78	54:12: 0N	27	11	33.328	298.66+-	3198.95+-	0.2%	10.7
5120	17/ 5/78	54:12: 0N	27	21	33.407	236.47+-	2666.18+-	0.2%	11.3
5121	17/ 5/78	54:11:54N	37	2	33.590	NA	NA		10200
5121	17/ 5/78	54:11:54N	37	3	NA	313.76+-	3292.85+-	0.2%	10.5
5121	17/ 5/78	54:11:54N	37	18	33.612	536.72+-	5694.74+-	0.1%	10.6
5121	17/ 5/78	54:11:54N	37	36	33.995	156.25+-	1677.51+-	0.3%	10.7
5122	17/ 5/78	54:11:15N	25	2	33.060	NA	NA		10204

Annex 3. Continued  
 Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered seawater (Bq m<sup>-3</sup>): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
5122	17/ 5/78	54:11:15N	25	3	NA	999.55+-	9232.35+-	0.1%	10205
5122	17/ 5/78	54:11:15N	25	12	33.412	707.03+-	6555.81+-	0.1%	10206
5122	17/ 5/78	54:11:15N	25	24	33.448	489.99+-	4888.81+-	0.1%	10207
5123	17/ 5/78	54:11: 0N	25	2	33.490	NA	NA		10208
5123	17/ 5/78	54:11: 0N	25	3	NA	542.46+-	5071.63+-	0.2%	10209
5123	17/ 5/78	54:11: 0N	25	12	33.609	667.96+-	6360.12+-	0.2%	10210
5123	17/ 5/78	54:11: 0N	25	22	33.868	387.91+-	3925.77+-	0.2%	10211
5124	17/ 5/78	54:12: 0N	32	2	33.740	NA	NA		10212
5124	17/ 5/78	54:12: 0N	32	3	NA	312.24+-	3181.45+-	0.3%	10213
5124	17/ 5/78	54:12: 0N	32	16	34.091	195.29+-	1972.32+-	0.4%	10214
5124	17/ 5/78	54:12: 0N	32	29	34.124	237.10+-	2379.73+-	0.4%	10215
5501	19/ 5/78	54:53: 0N	148	3	NA	203.50+-	1885.34+-	9.3%	10273
5502	19/ 5/78	55: 4:57N	140	3	NA	175.64+-	1606.65+-	8.8%	10274
5503	19/ 5/78	55:10: 0N	79	3	NA	192.88+-	1806.49+-	9.2%	10275
5504	19/ 5/78	55:18: 6N	57	3	NA	109.93+-	1352.13+-	7.7%	10276
5505	19/ 5/78	55:15: 0N	69	3	NA	177.49+-	1641.06+-	8.9%	10277
5506	20/ 5/78	55:23: 0N	112	3	NA	167.17+-	1607.28+-	8.7%	10278
5507	20/ 5/78	55:38: 0N	89	3	NA	133.57+-	1422.28+-	5.4%	10279
5508	20/ 5/78	55:29: 0N	56	3	NA	94.39+-	926.59+-	4.7%	10280
5508	20/ 5/78	55:29: 0N	56	52	NA	75.52+-	813.85+-	7.4%	10281
5509	20/ 5/78	56: 0: 0N	64	3	NA	82.07+-	882.89+-	4.5%	10282
5510	20/ 5/78	56: 9:21N	79	3	NA	107.41+-	1090.83+-	4.7%	10283
5511	20/ 5/78	56: 0: 0N	35	3	NA	122.17+-	1213.90+-	5.0%	10284
5512	20/ 5/78	55:30: 0N	74	3	NA	ND	42.62+-	1.5%	10285
5513	20/ 5/78	55: 0: 0N	81	3	NA	ND	15.69+-	1.5%	10286
5513	20/ 5/78	55: 0: 0N	81	77	NA	ND	15.24+-	1.7%	10287
5514	20/ 5/78	55: 0: 0N	113	3	NA	ND	14.36+-	1.1%	10288
5515	21/ 5/78	55: 2:30N	2615	3	35.319	ND	7.81+-	1.1%	10289
5515	21/ 5/78	55: 2:30N	2615	100	35.318	ND	5.18+-	1.1%	10290
5515	21/ 5/78	55: 2:30N	2615	500	35.314	ND	7.18+-	1.1%	10291

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
5515	21/ 5/78	55: 2:30N 10:56:15W	2615	1000	35.333	ND	6.40+- 1.3%		10292
5515	21/ 5/78	55: 2:30N 10:56:15W	2615	1500	35.096	ND	5.00+- 1.1%		10293
5515	21/ 5/78	55: 2:30N 10:56:15W	2615	2560	35.106	ND	3.07+- 1.1%		10294
5516	21/ 5/78	55:30: 0N 10: 0: 0W	1650	3	35.355	ND	7.03+- 1.1%		10295
5517	21/ 5/78	56: 0: 0N 10: 0: 0W	2065	3	35.338	ND	7.62+- 1.1%		10296
5518	21/ 5/78	56: 0: 0N 8:59:54W	150	3	35.327	ND	8.29+- 1.1%		10297
5519	21/ 5/78	56:30: 0N 8: 0: 0W	150	3	35.146	14.47+- 1.6%	152.18+- 1.3%	10.5	10298
5520	21/ 5/78	56:45: 6N 6:59:51W	153	3	34.586	47.36+- 2.7%	499.94+- 2.7%	10.6	10299
5520	21/ 5/78	56:45: 6N 6:59:51W	153	50	34.924	27.71+- 2.7%	301.07+- 2.4%	10.9	10300
5520	21/ 5/78	56:45: 6N 6:59:51W	153	100	35.141	5.55+- 1.6%	90.32+- 1.3%	16.3	10301
5520	21/ 5/78	56:45: 6N 6:59:51W	153	150	35.285	ND	43.07+- 1.2%		10302
5521	21/ 5/78	57: 5: 0N 6:55: 0W	139	3	34.489	58.76+- 3.0%	609.43+- 3.0%	10.4	10303
5522	22/ 5/78	57: 0: 0N 8: 0: 0W	120	3	34.699	50.06+- 2.7%	456.80+- 2.6%	9.1	10304
5523	22/ 5/78	57:30: 0N 8: 0: 0W	90	3	34.786	34.19+- 2.6%	368.96+- 2.5%	10.8	10305
5524	22/ 5/78	57:30: 0N 9: 0: 0W	140	3	35.032	ND	19.06+- 1.1%		10306
5525	22/ 5/78	57: 0: 0N 9: 0: 0W	135	3	35.270	ND	5.66+- 1.2%		10307
5526	22/ 5/78	57: 0:51N 10: 0: 6W	2060	3	35.334	ND	4.26+- 1.1%		10308
5526	22/ 5/78	57: 0:51N 10: 0: 6W	2060	100	35.329	ND	10.29+- 1.1%		10309
5527	22/ 5/78	57:30: 0N 10: 0: 0W	1960	3	35.343	ND	3.66+- 1.1%		10310
5528	22/ 5/78	58: 0: 6N 10: 0: 0W	1940	3	35.334	ND	4.63+- 1.1%		10311
5528	22/ 5/78	58: 0: 6N 10: 0: 0W	1940	100	35.370	ND	8.44+- 1.1%		10312
5529	22/ 5/78	58:30: 0N 10: 0: 0W	1711	3	35.371	ND	4.48+- 1.1%		10313
5530	23/ 5/78	58: 0: 0N 9: 0: 0W	165	3	35.348	ND	5.22+- 1.3%		10314
5531	23/ 5/78	58: 0: 6N 8: 0: 9W	119	3	34.884	36.93+- 2.6%	362.04+- 2.4%	9.8	10315
5531	23/ 5/78	58: 0: 6N 8: 0: 9W	119	100	35.059	16.24+- 2.5%	176.49+- 2.1%	10.9	10316
5532	23/ 5/78	58:30: 0N 8: 0: 0W	150	3	35.308	ND	18.13+- 1.1%		10317
5533	23/ 5/78	58:30: 0N 7: 0: 0W	70	3	34.669	41.40+- 2.6%	464.39+- 2.6%	11.2	10318
5534	23/ 5/78	58:30: 0N 6: 0: 0W	97	3	34.818	38.00+- 2.3%	366.48+- 2.3%	9.6	10319
5535	23/ 5/78	57:29:54N 6:49:36W	125	3	34.483	64.23+- 2.9%	612.31+- 3.2%	9.5	10320
5536	23/ 5/78	57:59:57N 5:59:54W	64	3	34.406	70.52+- 3.7%	750.21+- 7.4%	10.6	10321

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
5536	23/ 5/78	57:59:57N	64	61	34.323	72.08+- 4.5%	702.19+- 5.4%	9.7	10322
5538	23/ 5/78	58:40: 0N	67	3	34.297	73.41+- 3.4%	728.38+- 4.0%	9.9	10323
5538	23/ 5/78	58:40: 0N	67	63	34.305	73.96+- 3.4%	692.34+- 3.9%	9.4	10324
5539	24/ 5/78	59: 0: 0N	79	3	34.414	62.38+- 2.0%	641.25+- 1.9%	10.3	10325
5540	24/ 5/78	59: 0: 0N	85	3	34.604	50.32+- 3.1%	491.25+- 3.4%	9.8	10326
5541	24/ 5/78	59: 0: 0N	190	3	35.232	ND	47.40+- 1.5%		10327
5542	24/ 5/78	59: 0: 0N		3	35.305	ND	5.11+- 1.1%		10328
5543	24/ 5/78	59: 0: 0N	1670	3	35.326	ND	8.66+- 2.2%		10329
5544	24/ 5/78	59:30: 0N	1420	3	35.226	ND	5.81+- 1.1%		10330
5545	24/ 5/78	59:30: 0N	1120	3	35.302	ND	7.40+- 1.1%		10331
5546	24/ 5/78	60: 0: 0N	780	3	35.275	ND	4.29+- 1.1%		10332
5547	24/ 5/78	60: 0: 0N	465	3	35.330	ND	6.55+- 1.1%		10333
5547	24/ 5/78	60: 0: 0N	465	100	35.324	ND	9.03+- 1.1%		10334
5548	24/ 5/78	59:30: 0N	1025	3	35.334	ND	155.66+- 1.0%		10335
5549	25/ 5/78	59:30: 0N	139	3	35.070	14.54+- 1.5%	146.74+- 1.3%	10.1	10336
5550	25/ 5/78	60: 0: 0N	1125	3	35.279	ND	11.77+- 1.1%		10337
5551	25/ 5/78	60:30: 0N	470	3	NA	ND	6.18+- 1.1%		10338
5552	25/ 5/78	60:30: 0N	1020	3	NA	ND	6.77+- 1.1%		10339
5553	25/ 5/78	61: 0: 0N	840	3	NA	ND	4.03+- 1.1%		10340
5554	25/ 5/78	61: 0: 0N	1165	3	NA	ND	6.92+- 1.1%		10341
5555	25/ 5/78	60:30: 0N	540	3	NA	ND	6.62+- 1.1%		10342
5556	25/ 5/78	60: 0: 0N	125	3	NA	6.47+- 1.5%	83.58+- 1.2%	12.9	10343
5557	25/ 5/78	59:58: 6N	300	3	NA	ND	18.06+- 1.1%		10344
5557	25/ 5/78	59:58: 6N	300	3	NA	ND	12.14+- 1.1%		10345
5558	25/ 5/78	59:30: 0N	141	3	NA	14.32+- 1.5%	163.17+- 1.3%	11.4	10346
5559	26/ 5/78	59:30: 0N	132	3	NA	23.05+- 1.7%	262.29+- 1.5%	11.4	10347
5560	26/ 5/78	59: 0: 0N	70	3	NA	49.25+- 1.8%	523.77+- 1.7%	10.6	10348
5561	26/ 5/78	58:37: 0N	60	3	NA	64.57+- 2.0%	632.74+- 1.9%	9.8	10349
5562	26/ 5/78	58:45: 0N	80	3	NA	34.15+- 1.6%	326.49+- 1.5%	9.6	10350
5563	26/ 5/78	59: 0: 0N	76	3	NA	54.65+- 1.8%	523.66+- 1.7%	9.6	10351

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
5564	26/ 5/78	59:15: 0N	94	3	NA	47.69+-	446.52+-	1.7%	10352
5565	26/ 5/78	59:30: 0N	75	3	NA	37.89+-	370.33+-	1.7%	10353
5566	26/ 5/78	60: 0: 3N	110	3	NA	22.61+-	212.34+-	1.6%	10354
5566	26/ 5/78	60: 0: 3N	110	100	NA	16.09+-	147.37+-	1.3%	10355
5567	26/ 5/78	60:30: 0N	204	3	NA	ND	48.10+-	1.2%	10356
5568	26/ 5/78	61: 0: 0N	720	3	NA	ND	7.29+-	1.1%	10357
5569	26/ 5/78	61:30: 0N	1460	3	NA	ND	4.48+-	1.1%	10358
5570	26/ 5/78	62: 0: 6N	1625	3	NA	ND	3.48+-	1.1%	10359
5570	26/ 5/78	62: 0: 6N	1625	100	NA	ND	4.88+-	1.1%	10360
5571	26/ 5/78	61:30: 0N	1025	3	NA	ND	5.88+-	1.1%	10361
5572	27/ 5/78	61: 0: 0N	212	3	NA	ND	39.33+-	1.1%	10362
5573	27/ 5/78	60:30: 0N	135	3	NA	ND	60.57+-	1.2%	10363
5574	27/ 5/78	60: 0: 0N	94	3	NA	21.16+-	191.59+-	1.4%	10364
5575	27/ 5/78	59:30: 0N	95	3	NA	14.17+-	112.74+-	1.3%	10365
5576	27/ 5/78	59:30: 0N	129	3	NA	12.62+-	93.09+-	1.2%	10366
5577	27/ 5/78	59:59:36N	129	3	NA	ND	56.83+-	1.2%	10367
5577	27/ 5/78	59:59:36N	129	100	35.146	ND	61.68+-	1.2%	10368
5578	27/ 5/78	60:20: 0N	95	3	35.210	ND	41.85+-	1.1%	10369
5579	27/ 5/78	60:40: 0N	135	3	35.235	ND	24.23+-	2.3%	10370
5580	27/ 5/78	61: 0: 0N	130	3	35.248	ND	21.05+-	1.1%	10371
5581	27/ 5/78	61:30: 0N	229	3	35.302	ND	12.99+-	1.1%	10372
5582	27/ 5/78	62: 0: 0N	825	3	35.222	ND	6.40+-	1.1%	10373
5583	28/ 5/78	62: 0: 6N	440	3	35.312	ND	6.40+-	1.1%	10374
5583	28/ 5/78	62: 0: 6N	440	100	35.295	ND	15.98+-	1.1%	10375
5584	28/ 5/78	62: 0: 0N	285	3	35.212	ND	9.51+-	1.1%	10376
5585	28/ 5/78	62: 0: 0N	380	3	34.711	ND	31.12+-	1.1%	10377
5585	28/ 5/78	62: 0: 0N	380	100	35.178	ND	13.02+-	1.1%	10378
5586	28/ 5/78	62: 0: 0N	400	3	32.593	ND	58.83+-	1.2%	10379
5587	28/ 5/78	62: 0: 9N	200	3	32.188	ND	60.68+-	1.2%	10380
5587	28/ 5/78	62: 0: 9N	200	100	34.606	ND	44.66+-	1.1%	10381

Annex 3. Continued

Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered seawater (Bq m<sup>-3</sup>): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.	
5588	28/ 5/78	61:30: 0N	4: 0: 0E	350	3	31.884	ND	43.10+- 1.2%	10382	
5589	28/ 5/78	61: 0: 0N	4: 0: 0E	355	3	31.725	ND	61.12+- 1.2%	10383	
5590	28/ 5/78	61: 0: 0N	3: 0: 0E	360	3	32.665	ND	61.01+- 1.2%	10384	
5591	28/ 5/78	61: 0: 0N	2: 0: 0E	135	3	35.071	ND	25.75+- 1.1%	10385	
5592	28/ 5/78	61: 0: 0N	1: 0: 0E	153	3	35.227	ND	14.32+- 1.1%	10386	
5593	28/ 5/78	61: 0: 0N	0: 0: 0E	145	3	35.241	ND	16.91+- 1.1%	10387	
5594	29/ 5/78	60:30: 0N	0: 0: 0E	242	3	35.214	ND	32.52+- 1.1%	10388	
5595	29/ 5/78	60:30: 0N	0: 0: 0E	144	3	35.176	ND	59.35+- 1.2%	10389	
5596	29/ 5/78	60: 0: 0N	1: 0: 0E	120	3	35.133	3.63+- 1.5%	76.04+- 1.2%	21.0	10390
5596	29/ 5/78	60: 0: 0N	1: 0: 0E	120	100	35.149	ND	64.60+- 1.2%	10391	
5597	29/ 5/78	60: 2: 0N	2: 0: 0E	100	3	34.302	ND	60.68+- 2.4%	10392	
5598	29/ 5/78	60: 0: 3N	3: 0: 6E	123	3	34.549	ND	58.94+- 1.2%	10393	
5598	29/ 5/78	60: 0: 3N	3: 0: 6E	123	100	35.193	ND	15.95+- 1.1%	10394	
5599	29/ 5/78	60: 0: 0N	3:45: 0E	293	3	31.775	ND	22.24+- 1.2%	10395	
5600	29/ 5/78	60: 1: 3N	4:16: 6E	293	3	31.140	ND	59.01+- 1.2%	10396	
5600	29/ 5/78	60: 1: 3N	4:16: 6E	293	100	34.591	ND	66.04+- 1.2%	10397	
5600	29/ 5/78	60: 1: 3N	4:16: 6E	293	283	35.045	ND	62.97+- 1.2%	10398	
5601	29/ 5/78	59:30: 0N	4:25: 0E	265	3	31.020	ND	56.54+- 1.1%	10399	
5602	29/ 5/78	59: 0: 0N	4:30: 0E	255	3	29.842	ND	51.32+- 1.3%	10400	
5603	29/ 5/78	59: 0: 0N	4: 0: 0E	290	3	24.211	ND	43.62+- 1.1%	10401	
5604	29/ 5/78	59: 0: 0N	3: 0: 0E	135	3	33.531	7.36+- 1.4%	74.59+- 1.2%	10.1	10402
5605	29/ 5/78	59: 0: 0N	2: 0: 0E	112	3	34.919	8.47+- 1.4%	94.54+- 1.2%	11.2	10403
5606	30/ 5/78	59: 0: 0N	1: 0: 0E	127	3	35.043	8.32+- 1.4%	96.87+- 1.2%	11.6	10404
5607	30/ 5/78	59: 0: 0N	0: 0: 0E	130	3	35.095	9.84+- 1.4%	89.72+- 1.2%	9.1	10405
5608	30/ 5/78	59: 0: 0N	1: 0: 0W	124	3	35.008	8.47+- 2.0%	114.37+- 1.8%	13.5	10406
5609	30/ 5/78	59: 0: 0N	2: 0: 0W	80	3	34.879	20.24+- 2.0%	213.30+- 1.9%	10.5	10407
5610	30/ 5/78	59: 0: 0N	2:30: 0W	69	3	34.673	29.38+- 2.2%	334.29+- 2.1%	11.4	10408
5611	30/ 5/78	58:30: 0N	2:30: 0W	70	3	34.722	29.38+- 2.2%	320.79+- 2.1%	10.9	10409
5612	30/ 5/78	58:30: 0N	2: 0: 0W	103	3	34.869	19.54+- 2.1%	223.41+- 2.0%	11.4	10410
5613	30/ 5/78	58:15: 0N	2:45: 0W	40	3	34.733	23.61+- 2.1%	277.39+- 2.1%	11.8	10411

Annex 3. Continued

Concentrations of <sup>134</sup>Cs and <sup>137</sup>Cs in filtered seawater (Bq m<sup>-3</sup>): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	<sup>134</sup> Cs	<sup>137</sup> Cs	Ratio	Sample no.
5614	30/ 5/78	58: 0: 0N	52	3	34.738	22.94+- 1.9%	277.32+- 1.7%	12.1	10412
5614	30/ 5/78	58: 0: 0N	52	48	34.711	26.97+- 1.9%	284.23+- 1.7%	10.5	10413
5615	30/ 5/78	58: 0: 0N	68	3	34.699	27.82+- 2.0%	274.95+- 1.8%	9.9	10414
5616	30/ 5/78	58: 0: 3N	73	3	34.744	22.76+- 2.1%	248.60+- 2.0%	10.9	10415
5616	30/ 5/78	58: 0: 3N	73	69	34.780	ND	261.18+- 1.1%		10416
5617	30/ 5/78	58: 0: 0N	117	3	34.782	25.38+- 1.5%	242.72+- 1.4%	9.6	10417
5618	31/ 5/78	58: 0: 0N	125	3	NA	13.65+- 1.5%	151.00+- 1.3%	11.1	10418
5618	31/ 5/78	58: 0: 0N	125	100	NA	13.80+- 1.5%	124.69+- 1.3%	9.0	10419
5619	31/ 5/78	58: 0: 0N	130	3	NA	22.39+- 1.5%	221.96+- 1.4%	9.9	10420
5620	31/ 5/78	58: 0: 0N	88	3	NA	17.80+- 1.5%	173.20+- 1.3%	9.7	10421
5620	31/ 5/78	58: 0: 0N	88	84	NA	16.09+- 1.5%	168.13+- 1.3%	10.4	10422
5621	31/ 5/78	58: 0: 0N	75	3	NA	14.80+- 1.5%	156.58+- 1.3%	10.6	10423
5622	31/ 5/78	58: 0: 3N	98	3	NA	11.21+- 1.4%	112.22+- 1.3%	10.0	10424
5622	31/ 5/78	58: 0: 3N	98	94	NA	10.36+- 1.4%	87.10+- 1.2%	8.4	10425
5623	31/ 5/78	58: 0: 0N	133	3	NA	ND	48.25+- 1.2%		10426
5624	31/ 5/78	58: 0: 0N	315	3	NA	ND	56.09+- 1.2%		10427
5624	31/ 5/78	58: 0: 0N	315	100	NA	ND	69.71+- 1.2%		10428
5625	31/ 5/78	57:45: 0N	360	3	NA	ND	48.21+- 1.2%		10429
5626	31/ 5/78	57:45: 0N	442	3	NA	ND	40.85+- 1.1%		10430
5627	31/ 5/78	57: 0: 0N	31	3	NA	7.70+- 1.4%	79.18+- 1.2%	10.3	10431
5628	1/ 6/78	57: 0: 0N	32	3	NA	7.95+- 1.4%	91.61+- 1.2%	11.5	10432
5629	1/ 6/78	57: 0: 0N	52	3	NA	9.99+- 1.4%	109.89+- 1.3%	11.0	10433
5630	1/ 6/78	57: 0: 0N	56	3	NA	11.88+- 1.4%	131.57+- 1.3%	11.1	10434
5631	1/ 6/78	57: 0: 0N	64	3	NA	13.32+- 1.5%	142.71+- 1.3%	10.7	10435
5632	1/ 6/78	57: 0: 0N	68	3	NA	18.46+- 1.5%	170.57+- 1.3%	9.2	10436
5633	1/ 6/78	57: 0: 0N	93	3	NA	24.27+- 1.5%	259.74+- 1.4%	10.7	10437
5634	1/ 6/78	57: 0: 0N	90	3	NA	18.02+- 1.5%	209.90+- 1.4%	11.6	10438
5635	1/ 6/78	57: 0: 0N	80	3	NA	24.35+- 1.6%	261.96+- 1.4%	10.8	10439
5636	1/ 6/78	57: 0: 0N	73	3	NA	25.94+- 1.6%	287.23+- 1.5%	11.1	10440
5637	1/ 6/78	57:30: 0N	73	3	NA	19.20+- 1.6%	216.86+- 1.4%	11.3	10441

Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
5638	2/ 6/78	57:30: 0N	67	3	NA	23.16+- 1.5%	234.73+- 1.4%	10.1	10442
5639	2/ 6/78	57: 0: 0N	60	3	NA	21.68+- 1.5%	220.22+- 1.4%	10.2	10443
5640	2/ 6/78	56:30: 0N	40	3	NA	34.23+- 1.6%	361.38+- 1.6%	10.6	10444
5641	2/ 6/78	56: 0: 0N	70	3	NA	37.30+- 1.6%	394.01+- 1.6%	10.6	10445
5642	2/ 6/78	56: 0: 0N	67	3	NA	36.59+- 1.6%	401.52+- 1.6%	11.0	10446
5643	2/ 6/78	56: 0: 0N	88	3	NA	32.97+- 1.6%	371.29+- 1.6%	11.3	10447
5644	2/ 6/78	56: 0: 0N	79	3	NA	34.52+- 1.6%	394.49+- 1.6%	11.4	10448
5645	2/ 6/78	56: 0: 0N	80	3	NA	31.08+- 1.6%	338.07+- 1.5%	10.9	10449
5646	2/ 6/78	56: 0: 0N	73	3	NA	30.49+- 1.6%	337.77+- 1.5%	11.1	10450
5647	2/ 6/78	56: 0: 0N	53	3	NA	17.69+- 1.5%	188.00+- 1.3%	10.6	10451
5648	3/ 6/78	56: 0: 0N	43	3	NA	8.36+- 1.4%	99.38+- 1.2%	11.9	10452
5649	3/ 6/78	56: 0: 0N	50	3	NA	ND	47.62+- 1.2%		10453
5650	3/ 6/78	55: 0: 0N	39	3	NA	11.47+- 1.4%	152.07+- 1.3%	13.3	10454
5651	3/ 6/78	55: 0: 0N	49	3	NA	14.39+- 1.5%	169.16+- 1.3%	11.8	10455
5652	3/ 6/78	55: 0: 0N	39	3	NA	14.87+- 1.5%	162.17+- 1.3%	10.9	10456
5653	3/ 6/78	55: 0: 0N	25	3	NA	15.28+- 1.5%	195.32+- 1.4%	12.8	10457
5654	4/ 6/78	55: 0: 0N	60	3	NA	27.68+- 1.6%	337.74+- 1.5%	12.2	10458
5655	4/ 6/78	55: 0: 0N	75	3	NA	41.51+- 1.6%	455.77+- 1.7%	11.0	10459
5656	4/ 6/78	55: 0: 0N	85	3	NA	37.59+- 1.7%	430.72+- 1.6%	11.5	10460
5657	4/ 6/78	54:30: 0N	44	3	NA	36.67+- 1.6%	409.26+- 1.6%	11.2	10461
5658	4/ 6/78	54: 0: 0N	29	3	NA	37.48+- 1.7%	427.94+- 1.6%	11.4	10462
Site 38 Cirolana									
7001	17/ 8/78	54: 0: 0N	35	3	34.003	59.42+- 1.7%	458.28+- 0.2%	7.7	10216
7002	17/ 8/78	54:36: 0N	52	3	34.221	29.82+- 6.6%	403.41+- 0.5%	13.5	10217
7006	18/ 8/78	55: 0:18N	104	3	34.156	34.34+- 4.5%	367.37+- 0.5%	10.7	10218
7010	18/ 8/78	56: 0: 0N	80	3	34.662	19.28+- 6.1%	222.00+- 0.5%	11.5	10219
7014	19/ 8/78	56:36: 0N	70	3	34.638	24.94+- 4.8%	261.66+- 0.4%	10.5	10220
7018	20/ 8/78	56:59:54N	68	3	34.642	25.90+- 3.4%	277.76+- 0.3%	10.7	10221

## Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
7018	20/ 8/78	56:59:54N	68	62	34.700	32.45+-	299.85+-	0.5%	10222
7024	20/ 8/78	56:48:54N	100	3	34.787	19.80+-	193.07+-	0.7%	10223
7025	20/ 8/78	57: 0: 0N	93	3	34.825	25.20+-	207.31+-	0.7%	10224
7025	20/ 8/78	57: 0: 0N	93	84	34.948	22.98+-	238.13+-	0.3%	10225
7026	21/ 8/78	57: 0: 6N	68	3	34.230	12.10+-	154.22+-	0.6%	10226
7026	21/ 8/78	57: 0: 6N	68	59	34.938	22.02+-	262.18+-	0.3%	10227
7033	22/ 8/78	59: 0: 0N	129	3	34.629	NA	NA		10228
7037	22/ 8/78	59:19: 6N	110	3	34.169	ND	70.56+-	0.7%	10229
7041	22/ 8/78	59:58:12N	106	3	33.635	ND	59.72+-	0.7%	10230
7042	23/ 8/78	60: 0: 0N	290	3	32.877	ND	52.58+-	0.9%	10231
7049	22/ 8/78	61: 0: 0N	307	3	34.450	ND	26.05+-	1.6%	10232
7053	24/ 8/78	61:30: 0N	185	3	35.272	ND	10.80+-	3.8%	10233
7054	24/ 8/78	60:30:54N	136	3	34.253	ND	35.85+-	1.2%	10234
7055	25/ 8/78	60: 0: 0N	138	3	34.717	ND	40.11+-	1.1%	10235
7056	26/ 8/78	61: 0: 0N	128	3	35.118	ND	42.99+-	1.0%	10236
7059	26/ 8/78	61: 4:12N	130	3	35.239	8.21+-	80.62+-	0.8%	10237
7063	27/ 8/78	60:30: 0N	130	3	35.088	15.06+-	143.08+-	0.5%	10238
7073	27/ 8/78	60: 0: 0N	96	3	35.144	12.77+-	131.39+-	0.7%	10239
7074	28/ 8/78	59:30: 0N	110	3	35.029	19.17+-	218.93+-	0.3%	10240
7083	29/ 8/78	59: 0: 0N	139	3	35.078	ND	68.86+-	0.8%	10241
7084	29/ 8/78	58:30: 0N	100	3	35.069	18.06+-	186.15+-	0.5%	10242
7088	29/ 8/78	58: 0: 0N	88	3	34.838	32.08+-	305.81+-	0.4%	10243
7094	30/ 8/78	57:59:48N	124	3	34.996	12.73+-	115.29+-	0.8%	10244
7097	30/ 8/78	57:30: 0N	84	3	34.902	27.57+-	264.11+-	0.4%	10245
7098	31/ 8/78	58: 0: 0N	87	3	34.785	16.84+-	201.10+-	0.5%	10246
7100	31/ 8/78	59: 0: 0N	135	3	32.586	ND	77.48+-	0.6%	10247
7101	31/ 8/78	58:30: 6N	160	3	32.319	ND	76.37+-	0.6%	10248
7105	1/ 9/78	59: 0: 0N	256	3	32.558	7.81+-	77.59+-	1.1%	10249
7109	1/ 9/78	58: 0: 0N	90	3	33.030	7.33+-	86.28+-	1.0%	10250
7113	2/ 9/78	58: 0: 0N	300	3	30.949	5.55+-	96.61+-	0.7%	10251

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
7114	2/ 9/78	57: 0:18N	61	3	31.541	ND	73.78+- 0.9%		10252
7114	2/ 9/78	57: 0:18N	61	52	34.929	13.73+- 6.1%	177.12+- 0.4%	12.9	10253
7116	4/ 9/78	57: 0: 0N	35	3	33.342	14.13+- 6.0%	187.37+- 0.4%	13.3	10254
7116	4/ 9/78	57: 0: 0N	35	29	34.898	7.92+-10.3%	111.56+- 0.6%	14.1	10255
7117	4/ 9/78	56:37:42N	49	3	33.733	6.88+-11.8%	121.43+- 0.6%	17.6	10256
7121	5/ 9/78	56: 0: 0N	49	3	33.405	8.47+-14.6%	88.47+- 1.1%	10.4	10257
7128	6/ 9/78	55: 0: 0N	31	3	33.486	ND	47.32+- 0.9%		10258
7130	6/ 9/78	55: 4: 0N	35	3	33.824	ND	51.24+- 0.9%		10259
7135	6/ 9/78	54:29: 0N	36	3	33.854	ND	77.74+- 0.6%		10260
7137	7/ 9/78	55: 0: 0N	41	3	34.151	9.77+-13.1%	166.50+- 0.7%	17.0	10261
7144	7/ 9/78	56: 0: 0N	59	3	34.650	15.43+- 7.4%	159.43+- 0.6%	10.3	10262
7145	8/ 9/78	56: 0: 0N	85	3	34.497	14.54+- 8.0%	185.78+- 0.5%	12.8	10263
7150	8/ 9/78	55:22:42N	31	3	34.698	26.71+- 4.9%	340.62+- 0.3%	12.8	10264
7153	8/ 9/78	55: 0: 0N	32	3	34.754	27.75+- 4.7%	306.47+- 0.4%	11.0	10265
7154	8/ 9/78	55: 0: 0N	63	3	34.324	35.56+- 3.8%	424.43+- 0.3%	11.9	10266
7161	10/ 9/78	54: 0: 0N	41	3	34.530	21.42+- 5.5%	316.17+- 0.4%	14.8	10267
7166	10/ 9/78	54: 0: 0N	72	3	34.756	30.41+- 4.3%	277.68+- 0.4%	9.1	10268
7167	11/ 9/78	53: 0: 0N	39	3	33.969	21.64+- 5.5%	268.25+- 0.4%	12.4	10269
7168	11/ 9/78	52:10: 0N	37	3	34.717	ND	22.20+- 1.8%		10270
7169	11/ 9/78	52:13:24N	40	3	34.631	ND	21.90+- 1.9%		10271
7173	12/ 9/78	52:40:36N	29	3	34.775	ND	24.20+- 1.8%		10272
Site 39 Clione									
12001	23/ 9/78	52: 0: 0N	94	3	34.793	10.66+-15.1%	91.65+- 1.4%	8.6	8201
12004	24/ 9/78	52:20:48N	52	3	34.519	24.42+- 6.7%	235.36+- 0.6%	9.6	8202
12006	24/ 9/78	52:36: 0N	37	3	33.877	29.45+- 5.6%	306.10+- 0.5%	10.4	8203
12010	25/ 9/78	52:38: 6N	16	3	34.019	20.39+- 8.0%	178.93+- 0.7%	8.8	8204
12013	28/ 9/78	53:15:54N	49	3	34.209	93.50+- 2.0%	1005.62+- 0.2%	10.8	8205
12014	28/ 9/78	53:48: 0N	63	3	34.185	85.43+- 2.2%	913.60+- 0.2%	10.7	8206

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
12015	1/10/78	54:12:24N 4:20:30W	22	3	33.986	162.76+-	1679.36+-	0.3%	10.3 8207
12016	1/10/78	53:57: 0N 5:48:30W	46	3	34.144	104.60+-	1215.67+-	0.3%	11.6 8208
12018	1/10/78	53:36: 0N 5:56:36W	42	3	34.183	112.59+-	1220.37+-	0.3%	10.8 8209
12022	1/10/78	53:13: 9N 5:42:48W	58	3	34.207	127.17+-	1386.76+-	0.2%	10.9 8210
12024	2/10/78	52:40:51N 6: 3:42W	31	3	34.322	54.21+-	551.97+-	0.4%	10.2 8211
Site 23 RV Cruise									
19	20/ 8/79	80: 0:18N 9:10: 0E	490	2	NA	ND	14.32+-	3.4%	34
23	21/ 8/79	78: 1: 0N 12:59:30E	262	2	NA	ND	7.84+-	3.4%	14
27	25/ 8/79	76: 1:24N 15: 8: 0E	355	2	NA	ND	13.92+-	2.0%	15
34	26/ 8/79	76: 0:12N 30: 0:18E	317	2	NA	ND	14.16+-	1.9%	16
50	30/ 8/79	73: 0: 0N 30: 0: 0E	270	2	NA	ND	26.73+-	1.0%	17
66	3/ 9/79	71:14:48N 28: 0: 0E	305	2	NA	ND	43.53+-	1.3%	35
75	9/ 9/79	69:49:18N 17: 0: 0E	305	2	NA	5.49+-	79.53+-	1.0%	14.5 36
94	14/ 9/79	66: 1:30N 10:59:30E	275	2	NA	ND	48.39+-	0.9%	18
117	20/ 9/79	62: 0:24N 4:29: 6E	175	2	NA	4.00+-	108.00+-	0.6%	27.0 19
Site 38 Cirolana									
3007	17/ 3/79	54:40: 0N 4: 6: 0W	38	3	33.661	NA	NA	NA	10000
3012	18/ 3/79	54:36:48N 5:25: 0W	39	3	34.332	92.97+-	1210.47+-	0.2%	13.0 10014
3012	18/ 3/79	54:36:48N 5:25: 0W	39	16	34.342	87.04+-	1162.59+-	0.2%	13.4 10015
3012	18/ 3/79	54:36:48N 5:25: 0W	39	32	34.340	78.11+-	1067.47+-	0.2%	13.7 10016
3013	18/ 3/79	54:40:51N 5:14:12W	145		34.389	73.93+-	1109.20+-	0.2%	15.0 10017
3013	18/ 3/79	54:40:51N 5:14:12W	145	69	34.362	82.91+-	1101.40+-	0.2%	13.3 10018
3013	18/ 3/79	54:40:12N 5:14:12W	145	138	34.364	86.47+-	1078.81+-	0.2%	12.5 10019
3014	18/ 3/79	54:45:18N 5: 4: 0W	76	3	34.350	84.89+-	1080.45+-	0.2%	12.7 10020
3014	18/ 3/79	54:45:18N 5: 4: 0W	76	35	34.353	69.52+-	1008.55+-	0.3%	14.5 10021
3014	18/ 3/79	54:45:18N 5: 4: 0W	76	51	34.359	87.68+-	1111.14+-	0.2%	12.7 10022

Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
3015	19/ 3/79	54:41:36N		3	34.261	NA	NA		10023
3015	19/ 3/79	54:43:30N		3	34.323	NA	NA		10026
3015	19/ 3/79	54:43:16N		3	34.316	NA	NA		10027
3015	19/ 3/79	54:42:12N		3	34.341	NA	NA		10028
3015	19/ 3/79	54:44:36N		3	34.313	NA	NA		10024
3015	19/ 3/79	54:42:12N		3	34.318	NA	NA		10025
3015	19/ 3/79	54:44:12N		3	34.352	NA	NA		10030
3015	19/ 3/79	54:44:12N		3	34.350	NA	NA		10029
3029	21/ 3/79	54:14: 0N	38	3	34.366	94.17+- 2.7%	1150.39+- 0.2%	12.2	10031
3029	21/ 3/79	54:14: 0N	38	16	34.372	102.63+- 2.6%	1123.21+- 0.2%	10.9	10032
3029	21/ 3/79	54:14: 0N	38	31	34.377	97.28+- 2.8%	1121.18+- 0.2%	11.5	10033
3030	21/ 3/79	54:14: 0N	80	3	34.385	90.78+- 2.8%	1101.30+- 0.2%	12.1	10034
3030	21/ 3/79	54:14: 0N	80	37	34.373	96.14+- 2.9%	1119.36+- 0.3%	11.6	10035
3030	21/ 3/79	54:14: 0N	80	73	34.405	94.73+- 2.7%	1105.45+- 0.2%	11.7	10036
3031	21/ 3/79	54:14: 0N	120	3	34.447	69.05+- 3.5%	850.65+- 0.3%	12.3	10037
3031	21/ 3/79	54:14: 0N	120	57	34.544	58.79+- 5.9%	747.21+- 0.4%	12.7	10038
3031	21/ 3/79	54:14: 0N	120	113	34.603	51.15+- 4.8%	613.07+- 0.4%	12.0	10039
3032	21/ 3/79	54:13:54N	82	3	34.488	68.85+- 3.6%	927.67+- 0.3%	13.5	10040
3032	21/ 3/79	54:13:54N	82	37	34.473	79.14+- 3.3%	933.96+- 0.3%	11.8	10041
3032	21/ 3/79	54:13:54N	82	73	34.632	50.75+- 5.2%	732.74+- 0.3%	14.4	10042
3033	21/ 3/79	54:14: 0N	25	3	34.183	151.04+- 1.9%	1788.63+- 0.2%	11.8	10043
3033	21/ 3/79	54:14: 0N	25	9	34.184	155.34+- 1.9%	1852.39+- 0.2%	11.9	10044
3033	21/ 3/79	54:14: 0N	25	18	34.196	144.32+- 2.0%	1748.06+- 0.2%	12.1	10045
3034	21/ 3/79	54: 5:24N	58	3	34.529	NA	NA		10046
3035	21/ 3/79	53:55: 0N	70	3	34.688	NA	NA		10047
3036	21/ 3/79	53:53: 0N	44	3	34.573	NA	NA		10048
3037	21/ 3/79	53:46:54N	48	3	34.595	NA	NA		10049
3038	21/ 3/79	53:39:36N	40	3	34.394	NA	NA		10050
3039	21/ 3/79	53:36: 0N	45	1	33.824	NA	NA		10051
3039	21/ 3/79	53:36: 0N	45	44	33.822	NA	NA		10052

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
3040	22/ 3/79	53:36:12N	34	1	33.221	NA	NA	NA	10053
3040	22/ 3/79	53:36:12N	34	34	33.636	NA	NA	NA	10054
3041	22/ 3/79	53:36: 0N	28	1	33.142	NA	NA	NA	10055
3041	22/ 3/79	53:36: 0N	28	28	33.147	NA	NA	NA	10056
3042	22/ 3/79	53:36: 0N	21	1	32.801	NA	NA	NA	10057
3042	22/ 3/79	53:36: 0N	21	21	32.951	NA	NA	NA	10058
3043	22/ 3/79	53:36: 0N	16	1	32.407	NA	NA	NA	10059
3043	22/ 3/79	53:36: 0N	16	16	32.547	NA	NA	NA	10060
3044	22/ 3/79	53:36: 0N	12	1	31.542	NA	NA	NA	10061
3044	22/ 3/79	53:36: 0N	12	12	32.062	NA	NA	NA	10062
3045	22/ 3/79	53:34: 0N	16	1	31.333	NA	NA	NA	10063
3045	22/ 3/79	53:34: 0N	16	16	32.154	NA	NA	NA	10064
3046	22/ 3/79	53:34: 0N	27	1	32.257	NA	NA	NA	10065
3046	22/ 3/79	53:34: 0N	27	27	32.608	NA	NA	NA	10066
3047	22/ 3/79	53:34: 0N	34	1	32.940	NA	NA	NA	10067
3047	22/ 3/79	53:34: 0N	34	29	32.996	NA	NA	NA	10068
3048	22/ 3/79	53:34: 0N	38	1	33.018	NA	NA	NA	10069
3048	22/ 3/79	53:34: 0N	38	38	33.175	NA	NA	NA	10070
3049	22/ 3/79	53:34: 0N	45	1	33.464	NA	NA	NA	10071
3049	22/ 3/79	53:34: 0N	45	45	33.742	NA	NA	NA	10072
3050	22/ 3/79	53:34: 0N	43	1	33.584	NA	NA	NA	10073
3050	22/ 3/79	53:34: 0N	43	43	34.027	NA	NA	NA	10074
3051	22/ 3/79	53:32: 0N	45	1	33.846	NA	NA	NA	10075
3051	22/ 3/79	53:32: 0N	45	45	34.172	NA	NA	NA	10076
3052	22/ 3/79	53:32: 0N	41	1	33.470	NA	NA	NA	10077
3052	22/ 3/79	53:32: 0N	41	41	33.573	NA	NA	NA	10078
3053	22/ 3/79	53:31:57N	37	1	33.148	NA	NA	NA	10079
3053	22/ 3/79	53:31:57N	37	37	33.160	NA	NA	NA	10080
3054	22/ 3/79	53:31:54N	34	1	32.846	NA	NA	NA	10081
3054	22/ 3/79	53:31:54N	34	34	32.828	NA	NA	NA	10082

## Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
3055	22/ 3/79	53:31:54N	32	1	32.738	NA	NA	NA	10083
3055	22/ 3/79	53:31:54N	32	32	32.762	NA	NA	NA	10084
3056	22/ 3/79	53:31:54N	28	1	32.545	NA	NA	NA	10085
3056	22/ 3/79	53:31:54N	28	28	32.638	NA	NA	NA	10086
3057	22/ 3/79	53:29:54N	19	1	32.207	NA	NA	NA	10087
3057	22/ 3/79	53:29:54N	19	19	32.309	NA	NA	NA	10088
3058	22/ 3/79	53:29:57N	23	1	32.404	NA	NA	NA	10089
3058	22/ 3/79	53:29:57N	23	23	32.497	NA	NA	NA	10090
3059	22/ 3/79	53:30: 0N	27	1	32.679	NA	NA	NA	10091
3059	22/ 3/79	53:30: 0N	27	27	32.688	NA	NA	NA	10092
3060	22/ 3/79	53:29:54N	29	1	32.791	NA	NA	NA	10093
3060	22/ 3/79	53:29:54N	29	29	32.858	NA	NA	NA	10094
3061	22/ 3/79	53:29:57N	34	1	33.030	NA	NA	NA	10095
3061	22/ 3/79	53:29:57N	34	34	33.311	NA	NA	NA	10096
3062	22/ 3/79	53:29:57N	36	1	33.350	NA	NA	NA	10097
3062	22/ 3/79	53:29:57N	36	36	34.137	NA	NA	NA	10098
3063	23/ 3/79	53:28: 0N	38	1	33.241	NA	NA	NA	10099
3063	23/ 3/79	53:28: 0N	38	37	33.919	NA	NA	NA	10100
3064	23/ 3/79	53:28: 0N	30	1	33.192	NA	NA	NA	10101
3064	23/ 3/79	53:28: 0N	30	30	33.185	NA	NA	NA	10102
3065	23/ 3/79	53:28: 0N	20	1	32.702	NA	NA	NA	10103
3065	23/ 3/79	53:28: 0N	20	20	32.691	NA	NA	NA	10104
3066	23/ 3/79	53:28: 0N	21	1	32.530	NA	NA	NA	10105
3066	23/ 3/79	53:28: 0N	21	21	32.553	NA	NA	NA	10106
3067	23/ 3/79	53:28: 0N	22	1	32.213	NA	NA	NA	10107
3067	23/ 3/79	53:28: 0N	22	22	32.374	NA	NA	NA	10108
3068	23/ 3/79	53:28: 0N	21	1	31.025	NA	NA	NA	10109
3068	23/ 3/79	53:28: 0N	21	21	31.736	NA	NA	NA	10110
3069	23/ 3/79	53:26: 0N	21	1	32.387	NA	NA	NA	10111
3069	23/ 3/79	53:26: 0N	21	21	32.412	NA	NA	NA	10112

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
3070	23/ 3/79	53:26: 0N	19	1	32.474	NA	NA	NA	10113
3070	23/ 3/79	53:26: 0N	19	19	32.480	NA	NA	NA	10114
3071	23/ 3/79	53:26: 0N	25	1	32.941	NA	NA	NA	10115
3071	23/ 3/79	53:26: 0N	25	25	32.948	NA	NA	NA	10116
3072	23/ 3/79	53:26: 0N	25	1	33.296	NA	NA	NA	10117
3072	23/ 3/79	53:26: 0N	25	25	33.354	NA	NA	NA	10118
3073	23/ 3/79	53:25:57N	29	1	33.490	NA	NA	NA	10119
3073	23/ 3/79	53:25:57N	29	29	33.516	NA	NA	NA	10120
3074	23/ 3/79	53:24: 0N	27	1	33.203	NA	NA	NA	10121
3074	23/ 3/79	53:24: 0N	27	27	33.242	NA	NA	NA	10122
3075	23/ 3/79	53:24: 0N	21	1	32.996	NA	NA	NA	10123
3075	23/ 3/79	53:24: 0N	21	21	33.003	NA	NA	NA	10124
3076	23/ 3/79	53:24: 0N	12	1	32.549	NA	NA	NA	10125
3076	23/ 3/79	53:24: 0N	12	12	32.575	NA	NA	NA	10126
3077	23/ 3/79	53:30: 0N	30	1	32.952	NA	NA	NA	10127
3077	23/ 3/79	53:30: 0N	30	30	33.269	NA	NA	NA	10128
3078	23/ 3/79	53:31: 0N	33	1	32.962	NA	NA	NA	10129
3078	23/ 3/79	53:31: 0N	33	33	33.162	NA	NA	NA	10130
3079	23/ 3/79	53:32: 3N	34	1	32.879	NA	NA	NA	10131
3079	23/ 3/79	53:32: 3N	34	34	33.154	NA	NA	NA	10132
3080	23/ 3/79	53:33: 6N	32	1	32.952	NA	NA	NA	10133
3080	23/ 3/79	53:33: 6N	32	32	33.146	NA	NA	NA	10134
3081	23/ 3/79	53:34: 0N	33	1	33.131	NA	NA	NA	10135
3081	23/ 3/79	53:34: 0N	33	33	33.166	NA	NA	NA	10136
3082	23/ 3/79	53:32:57N	28	1	33.003	NA	NA	NA	10137
3082	23/ 3/79	53:32:57N	28	28	33.118	NA	NA	NA	10138
3083	23/ 3/79	53:34: 0N	31	1	32.777	NA	NA	NA	10139
3083	23/ 3/79	53:34: 0N	31	31	33.050	NA	NA	NA	10140
3084	23/ 3/79	53:33: 0N	32	1	32.901	NA	NA	NA	10141
3084	23/ 3/79	53:33: 0N	32	32	32.968	NA	NA	NA	10142

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.	
3085	23/ 3/79	53:32: 0N	32	32	32.952	NA	NA		10144	
3086	23/ 3/79	53:31: 0N	30	1	32.820	NA	NA		10145	
3086	23/ 3/79	53:31: 0N	30	30	32.892	NA	NA		10146	
3087	23/ 3/79	53:30: 0N	25	1	32.732	NA	NA		10147	
3087	23/ 3/79	53:30: 0N	25	25	32.781	NA	NA		10148	
3088	23/ 3/79	53:31: 0N	33	1	32.738	NA	NA		10149	
3088	23/ 3/79	53:31: 0N	33	33	33.021	NA	NA		10150	
3089	23/ 3/79	53:46:42N	38	3	33.373	NA	NA		10151	
3090	23/ 3/79	53:59:36N	40	3	33.629	NA	NA		10152	
3091	23/ 3/79	54:12: 0N	25	3	33.337	NA	NA		10153	
3094	23/ 3/79	54:18: 6N	26	3	33.569	631.96+-	1.0%	6791.90+-	0.1%	10154
3094	23/ 3/79	54:18: 6N	26	10	33.575	490.00+-	1.1%	5375.47+-	0.1%	10155
3094	23/ 3/79	54:18: 6N	26	19	34.062	467.83+-	1.1%	5130.05+-	0.1%	10156
3095	24/ 3/79	54:19:48N	20	3	33.403	655.96+-	1.0%	6980.46+-	0.1%	10157
3095	24/ 3/79	54:19:48N	20	7	33.390	773.40+-	1.0%	8065.37+-	0.1%	10158
3095	24/ 3/79	54:19:48N	20	13	33.393	759.40+-	1.1%	7980.60+-	0.1%	10159
3096	24/ 3/79	54:21: 0N	43	3	33.503	655.78+-	1.2%	6910.44+-	0.1%	10160
3096	24/ 3/79	54:21: 0N	43	18	33.745	656.41+-	1.2%	6963.10+-	0.1%	10161
3096	24/ 3/79	54:21: 0N	43	36	33.785	323.57+-	1.7%	3825.46+-	0.2%	10162
3097	24/ 3/79	54:22: 6N	37	3	33.111	905.07+-	1.1%	9791.04+-	0.1%	10163
3097	24/ 3/79	54:22: 6N	37	15	33.444	891.61+-	1.1%	9696.90+-	0.1%	10164
3097	24/ 3/79	54:22: 6N	37	30	33.758	754.51+-	1.1%	8236.40+-	0.1%	10165
3098	24/ 3/79	54:23:18N	34	3	32.630	1158.48+-	1.0%	12361.70+-	0.1%	10166
3098	24/ 3/79	54:23:18N	34	11	32.830	1129.87+-	1.0%	12305.90+-	0.1%	10167
3098	24/ 3/79	54:23:18N	34	22	33.592	813.96+-	1.1%	9086.10+-	0.1%	10168
3099	24/ 3/79	54:24:18N	23	3	32.602	1169.03+-	1.0%	12458.80+-	0.1%	10169
3099	24/ 3/79	54:24:18N	23	9	32.642	1078.32+-	1.0%	11555.10+-	0.1%	10170
3099	24/ 3/79	54:24:18N	23	16	32.864	1161.57+-	1.0%	12673.50+-	0.1%	10171
3100	24/ 3/79	54:25:48N	25	3	32.884	NA	NA		10172	
3101	24/ 3/79	54:17:24N	26	3	33.592	NA	NA		10173	

## Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Collection Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
3102	24/ 3/79	54: 6:30N	31	3	33.659	NA	NA		10174
3103	24/ 3/79	53:56: 0N	30	3	33.382	NA	NA		10175
3104	24/ 3/79	53:45:48N	33	3	33.214	NA	NA		10176
3105	24/ 3/79	53:39: 0N	29	3	33.023	NA	NA		10177
3106	24/ 3/79	53:40: 0N	42	3	33.735	NA	NA		10178
3107	24/ 3/79	53:40:12N	40	3	34.341	NA	NA		10179
3108	24/ 3/79	53:42:18N	49	3	34.506	NA	NA		10180
3109	25/ 3/79	53:51:36N	50	3	34.607	NA	NA		10181
3110	25/ 3/79	54: 2: 0N	42	3	34.179	NA	NA		10182
3111	25/ 3/79	54:12:36N	25	3	33.647	NA	NA		10183
3112	25/ 3/79	54:21:30N	41	3	33.401	NA	NA		10184
3113	25/ 3/79	54:28: 0N	33	3	33.419	NA	NA		10185
3114	25/ 3/79	54:36: 0N	41	3	33.424	NA	NA		10186
3115	25/ 3/79	54:32:51N	63	3	33.564	476.70+- 1.4%	5429.10+- 0.1%	11.4	10187
3115	25/ 3/79	54:32:51N	63	28	33.713	NA	NA		10188
3115	25/ 3/79	54:32:51N	63	56	33.720	466.52+- 1.3%	5071.51+- 0.1%	10.9	10189
3116	25/ 3/79	54:27:27N	45	3	33.944	342.54+- 1.6%	4052.75+- 0.2%	11.8	10190
3116	25/ 3/79	54:27:27N	45	19	33.969	NA	NA		10191
3116	25/ 3/79	54:27:27N	45	38	34.010	227.15+- 2.0%	2705.52+- 0.2%	11.9	10192
3117	25/ 3/79	54:39: 0N	47	3	33.597	338.26+- 1.6%	3903.37+- 0.2%	11.5	10193
3117	25/ 3/79	54:39: 0N	47	20	33.591	NA	NA		10194
3117	25/ 3/79	54:39: 0N	47	40	33.628	317.08+- 1.7%	3749.04+- 0.2%	11.8	10195
3118	25/ 3/79	54:45: 0N	17	3	31.022	494.93+- 1.3%	5666.63+- 0.1%	11.4	10196
3118	25/ 3/79	54:45: 0N	17	10	32.679	504.53+- 1.3%	5681.56+- 0.1%	11.3	10197
3119	25/ 3/79	54:42:36N	25	1	33.037	NA	NA		10198
3119	25/ 3/79	54:42:36N	25	9	33.025	NA	NA		10199
3119	25/ 3/79	54:42:36N	25	18	33.030	NA	NA		10200
3120	25/ 3/79	54:41: 0N	25	3	32.835	908.48+- 1.1%	9451.13+- 0.1%	10.4	10201
3120	25/ 3/79	54:41: 0N	25	9	32.828	NA	NA		10202
3120	25/ 3/79	54:41: 0N	25	18	32.870	866.89+- 1.1%	9218.11+- 0.1%	10.6	10203

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.		
3121	25/ 3/79	54:37:12N	21	1	33.109	NA	NA		10204		
3121	25/ 3/79	54:37:12N	21	7	33.112	NA	NA		10205		
3121	25/ 3/79	54:37:12N	21	14	33.129	NA	NA		10206		
3122	25/ 3/79	54:32:30N	21		32.976	1095.62+-	1.0%	11386.70+-	0.1%	10.4	10207
3122	25/ 3/79	54:32:30N	21	7	32.947	NA	NA		10208		
3122	25/ 3/79	54:32:30N	21	14	32.947	1148.08+-	1.0%	12144.40+-	0.1%	10.6	10209
3125	26/ 3/79	54:36:30N	31	1	33.340	NA	NA		10210		
3126	26/ 3/79	54:36:27N	27	1	33.067	NA	NA		10211		
3127	26/ 3/79	54:36:27N	23	1	32.894	NA	NA		10212		
3128	26/ 3/79	54:36:33N	19	1	32.813	NA	NA		10213		
3129	26/ 3/79	54:34:30N	19	1	32.975	NA	NA		10214		
3130	26/ 3/79	54:34:30N	25	1	33.067	NA	NA		10215		
3131	26/ 3/79	54:34:30N	27	1	33.043	NA	NA		10216		
3132	26/ 3/79	54:34:30N	32	1	33.312	NA	NA		10217		
3133	26/ 3/79	54:34:30N	31	1	33.274	NA	NA		10218		
3134	26/ 3/79	54:33: 0N	25	1	33.174	NA	NA		10219		
3135	26/ 3/79	54:33: 0N	25	1	33.154	NA	NA		10220		
3136	26/ 3/79	54:33: 0N	15	1	33.023	NA	NA		10221		
3137	26/ 3/79	54:31:30N	22	1	33.229	NA	NA		10222		
3138	26/ 3/79	54:31: 5N	23	1	33.225	NA	NA		10223		
3139	26/ 3/79	54:31:30N	23	1	33.065	NA	NA		10224		
3140	26/ 3/79	54:31: 5N	27	1	33.293	NA	NA		10225		
3141	26/ 3/79	54:30: 0N	28	1	33.445	NA	NA		10226		
3142	26/ 3/79	54:30: 0N	23	1	33.240	NA	NA		10227		
3143	26/ 3/79	54:30: 0N	21	1	33.224	NA	NA		10228		
3144	26/ 3/79	54:30: 0N	27	1	32.695	NA	NA		10229		
3145	26/ 3/79	54:28:30N	20	1	32.992	NA	NA		10230		
3146	26/ 3/79	54:28:30N	23	1	33.220	NA	NA		10231		
3147	26/ 3/79	54:28:30N	25	1	33.222	NA	NA		10232		
3148	26/ 3/79	54:28:30N	29	1	33.445	NA	NA		10233		

**Annex 3. Continued**  
**Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79**

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
3149	26/ 3/79	54:28:30N	35	1	33.511	NA	NA	NA	10234
3150	26/ 3/79	54:27: 0N	36	1	33.549	NA	NA	NA	10235
3151	26/ 3/79	54:27: 0N	33	1	33.453	NA	NA	NA	10236
3152	26/ 3/79	54:27: 0N	30	1	33.270	NA	NA	NA	10237
3153	26/ 3/79	54:27: 0N	24	1	33.055	NA	NA	NA	10238
3154	26/ 3/79	54:27: 0N	24	1	33.283	NA	NA	NA	10239
3155	26/ 3/79	54:25: 0N	25	1	33.420	NA	NA	NA	10240
3156	26/ 3/79	54:25: 0N	26	1	33.354	NA	NA	NA	10241
3157	26/ 3/79	54:25: 0N	30	1	33.553	NA	NA	NA	10242
3158	27/ 3/79	54:25: 0N	35	1	33.313	NA	NA	NA	10243
3159	27/ 3/79	54:25: 0N	37	1	33.390	NA	NA	NA	10244
3160	27/ 3/79	54:23: 0N	42	1	33.640	NA	NA	NA	10245
3161	27/ 3/79	54:23: 0N	33	1	33.683	NA	NA	NA	10246
3162	27/ 3/79	54:23: 0N	27	1	33.635	NA	NA	NA	10247
3163	27/ 3/79	54:23: 0N	23	1	33.600	NA	NA	NA	10248
3164	27/ 3/79	54:23: 0N	19	1	33.525	NA	NA	NA	10249
3165	27/ 3/79	54:23: 0N	17	1	33.420	NA	NA	NA	10250
3173	28/ 3/79	54:25:39N	27	3	32.738	NA	NA	NA	10251
3173	28/ 3/79	54:25:39N	27	3	32.926	NA	NA	NA	10253
3173	28/ 3/79	54:25:39N	27	13	33.398	NA	NA	NA	10254
3173	28/ 3/79	54:25:39N	27	20	33.359	NA	NA	NA	10252
3174	28/ 3/79	54:29: 0N	21	3	33.032	NA	NA	NA	10255
3175	28/ 3/79	54:29:48N	21	3	32.561	NA	NA	NA	10256
3176	28/ 3/79	54:30: 0N	21	3	32.602	NA	NA	NA	10257
3177	28/ 3/79	54:30: 0N	23	3	32.695	NA	NA	NA	10258
3178	28/ 3/79	54:32: 0N	28	3	33.013	NA	NA	NA	10259
3179	28/ 3/79	54:31: 0N	22	3	33.132	NA	NA	NA	10260
3180	28/ 3/79	54:29: 0N	22	3	33.087	NA	NA	NA	10261
3181	28/ 3/79	54:30:24N	24	3	33.168	NA	NA	NA	10262
3182	29/ 3/79	54:29:42N	29	3	32.236	NA	NA	NA	10263

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
3183	29/ 3/79	54:29:54N 3:42:12W	27	3	32.490	NA	NA		10264
3184	29/ 3/79	54:30:18N 3:43:36W	26	3	32.668	NA	NA		10265
3185	29/ 3/79	54:29: 2N 3:42: 0W	23	3	32.505	NA	NA		10266
3186	29/ 3/79	54:29:42N 3:43:12W	22	3	32.511	NA	NA		10267
3207	17/ 3/79	54:40:18N 4:12:12W	42	3	33.572	NA	NA		10001
3208	17/ 3/79	54:39:36N 4:10:36W	44	3	33.623	NA	NA		10002
3209	17/ 3/79	54:39:48N 4: 7:42W	44	3	33.751	NA	NA		10003
3210	17/ 3/79	54:40:12N 4: 9:42W	40	3	33.760	NA	NA		10004
3211	17/ 3/79	54:40:30N 4: 9: 0W	44	3	33.753	NA	NA		10005
3212	17/ 3/79	54:39:48N 4: 9:30W	44	3	33.705	NA	NA		10006
3213	17/ 3/79	54:39:30N 4: 8:36W	44	3	33.657	NA	NA		10007
3214	17/ 3/79	54:40:18N 4:13: 0W	44	3	33.655	NA	NA		10008
3215	18/ 3/79	54:40:24N 4:11: 6W	38	3	33.737	NA	NA		10009
3216	18/ 3/79	54:40:24N 4: 7:24W	42	3	33.644	NA	NA		10010
3217	18/ 3/79	54:40: 0N 4:11: 0W	43	3	33.707	NA	NA		10011
3218	18/ 3/79	54:40:12N 4:10: 6W	46	3	33.681	NA	NA		10012
3219	18/ 3/79	54:39:24N 4:10: 0W	46	3	33.708	NA	NA		10013
Site 38 Cirolana									
4001	11/ 4/79	53:29: 0N 0:30: 0E	12	3	32.703	17.67+- 4.2%	245.60+- 0.3%	13.9	10268
4002	11/ 4/79	53:12:18N 1:10: 0E	12	3	34.111	21.24+- 3.7%	266.40+- 0.3%	12.5	10269
4003	11/ 4/79	53: 0: 0N 1:30:30E	28	3	33.294	21.02+- 3.8%	251.04+- 0.3%	11.9	10270
4004	12/ 4/79	52:30: 0N 1:58:42E	28	3	33.201	17.93+- 4.3%	229.14+- 0.3%	12.8	10271
4005	12/ 4/79	52: 0: 0N 1:51: 0E	20	3	34.587	7.94+-10.5%	97.44+- 0.7%	12.3	10272
4006	12/ 4/79	51:30: 0N 1:45: 0E	33	3	34.894	ND	15.27+- 2.6%		10273
4007	12/ 4/79	51: 0: 0N 1:20: 0E	25	3	34.979	ND	13.10+- 3.0%		10274
4008	12/ 4/79	50:35: 0N 0:30: 0E	58	3	35.137	ND	18.26+- 2.1%		10275
4009	12/ 4/79	50:30: 0N 0: 0: 0E	50	3	35.175	ND	13.24+- 2.9%		10276
4010	12/ 4/79	50: 8: 0N 1: 0: 0W	48	3	35.135	ND	44.19+- 0.9%		10277

## Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
4011	12/ 4/79	49:57: 0N	68	3	35.077	ND	57.05+- 0.8%		10278
4012	12/ 4/79	49:43:30N	60	3	35.031	ND	13.19+- 2.9%		10279
4013	12/ 4/79	49:47: 0N	60	3	35.108	ND	6.83+- 5.6%		10280
4014	13/ 4/79	49:40: 0N	80	3	35.174	ND	4.93+- 7.7%		10283
4015	13/ 4/79	49:54: 0N	87	3	35.169	ND	11.36+- 3.5%		10286
4016	13/ 4/79	50: 0: 0N	66	3	35.243	ND	11.25+- 3.4%		10287
4017	13/ 4/79	50:30: 0N	64	3	35.220	ND	11.49+- 3.4%		10288
4018	13/ 4/79	51: 0: 0N	68	3	35.200	ND	10.81+- 3.6%		10289
4018	13/ 4/79	51: 0: 0N	68	65	35.202	ND	12.06+- 3.2%		10290
4019	13/ 4/79	51: 0: 0N	84	3	35.157	ND	14.11+- 2.7%		10291
4020	14/ 4/79	50:30: 0N	105	3	35.287	ND	10.84+- 3.5%		10292
4021	14/ 4/79	50:30: 3N	124	3	35.339	ND	8.36+- 4.6%		10293
4021	14/ 4/79	50:30: 3N	124	121	35.341	ND	6.26+- 6.1%		10294
4022	14/ 4/79	50:30: 0N	124	3	35.263	ND	8.75+- 4.4%		10295
4023	14/ 4/79	50:30: 3N	140	3	35.263	ND	11.93+- 3.2%		10296
4023	14/ 4/79	50:30: 3N	140	135	35.332	ND	8.76+- 4.3%		10297
4024	14/ 4/79	50:30: 0N	360	3	35.453	ND	4.39+- 8.6%		10298
4025	14/ 4/79	50:30: 0N	2110	3	35.476	ND	3.98+- 9.5%		10299
4026	14/ 4/79	50:30: 0N	2450	3	35.464	ND	3.93+- 9.6%		10300
4026	14/ 4/79	50:30: 0N	2450	100	35.458	ND	3.22+-11.7%		10301
4026	14/ 4/79	50:30: 0N	2450	500	35.430	ND	3.87+-10.9%		10302
4026	14/ 4/79	50:30: 0N	2450	1000	35.550	ND	3.25+-11.5%		10303
4027	15/ 4/79	51: 0: 0N	1740	3	35.454	ND	4.27+- 9.2%		10304
4028	15/ 4/79	51:30: 0N	1480	3	35.462	ND	4.64+- 8.1%		10305
4029	15/ 4/79	52: 0: 0N	800	3	NA	ND	5.44+- 6.9%		10312
4029	15/ 4/79	52: 0: 0N	800	3	NA	ND	4.05+- 9.5%		10311
4029	15/ 4/79	52: 0: 0N	800	3	NA	ND	6.91+- 5.7%		10309
4029	15/ 4/79	52: 0: 0N	800	3	NA	ND	5.74+- 6.6%		10310
4029	15/ 4/79	52: 0: 0N	800	3	35.463	ND	5.01+- 7.5%		10306
4029	15/ 4/79	52: 0: 0N	800	3	NA	ND	5.37+- 7.0%		10307

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
4029	15/ 4/79	52: 0: 0N 13: 0: 0W	800	3	NA	ND	4.65+- 8.1%		10308
4030	15/ 4/79	52:30: 0N 13: 0: 0W	530	3	35.448	ND	5.42+- 7.0%		10313
4031	15/ 4/79	53: 0: 0N 12:30: 0W	370	3	35.451	ND	6.57+- 5.7%		10314
4032	15/ 4/79	53:30: 0N 12: 0: 0W	285	3	35.410	ND	3.47+-10.8%		10315
4033	15/ 4/79	53:30: 6N 11: 0: 0W	146	3	35.238	ND	7.19+- 5.3%		10316
4033	15/ 4/79	53:30: 6N 11: 0: 0W	146	140	35.313	ND	6.05+- 6.2%		10317
4034	15/ 4/79	53:30: 0N 10:30: 0W	108	3	34.920	ND	14.72+- 2.6%		10318
4035	15/ 4/79	53: 0: 0N 10: 0: 0W	92	3	34.354	ND	16.27+- 2.4%		10319
4036	16/ 4/79	52:30: 0N 11: 0: 0W	124	3	34.974	ND	15.32+- 2.5%		10320
4037	16/ 4/79	52: 0: 0N 11: 0: 0W	148	3	35.012	ND	18.58+- 2.1%		10321
4038	16/ 4/79	51:30: 0N 11: 0: 0W	180	3	35.410	ND	6.29+- 6.0%		10322
4039	16/ 4/79	51:15: 0N 10: 0: 0W	113	3	35.136	ND	16.23+- 2.4%		10323
4040	16/ 4/79	51:15: 0N 9: 0: 0W	105	3	35.031	ND	18.10+- 2.2%		10324
4040	16/ 4/79	51:15: 0N 9: 0: 0W	105	99	35.052	ND	17.83+- 2.2%		10325
4041	16/ 4/79	51:30: 0N 8: 0: 0W	80	3	35.081	ND	15.71+- 2.5%		10326
4042	16/ 4/79	51:30: 3N 7: 0: 0W	80	3	34.964	ND	28.31+- 1.4%		10327
4042	16/ 4/79	51:30: 3N 7: 0: 0W	80	77	34.980	ND	28.83+- 1.4%		10328
4043	16/ 4/79	51:30: 0N 6: 0: 0W	104	3	35.135	ND	15.54+- 2.5%		10329
4044	17/ 4/79	52: 1: 9N 5:28: 0W	85	3	34.467	ND	70.51+- 0.6%		10330
4044	17/ 4/79	52: 1: 9N 5:28: 0W	85	79	34.475	ND	68.92+- 0.6%		10331
4045	17/ 4/79	52: 7:15N 5:49:15W	97	3	34.681	ND	30.89+- 1.3%		10332
4045	17/ 4/79	52: 7:15N 5:49:15W	97	91	34.875	ND	28.43+- 1.4%		10333
4046	17/ 4/79	52:15: 0N 6: 4:48W	69	3	34.780	ND	42.06+- 1.0%		10334
4046	17/ 4/79	52:15: 0N 6: 4:48W	69	63	34.789	ND	39.79+- 1.0%		10335
4047	17/ 4/79	52:15: 0N 5:17:30W	80	3	34.707	ND	58.84+- 0.7%		10336
4048	17/ 4/79	52:15: 0N 4:25: 0W	23	3	34.061	16.14+- 4.8%	224.56+- 0.3%	13.9	10337
4049	17/ 4/79	52:35: 9N 4:20:12W	21	3	33.566	22.22+- 3.6%	291.36+- 0.3%	13.1	10338
4049	17/ 4/79	52:35: 9N 4:20:12W	21	14	33.512	23.15+- 3.5%	291.71+- 0.3%	12.6	10339
4050	17/ 4/79	52:35:12N 4:48:12W	48	3	34.392	12.90+- 5.9%	166.63+- 0.4%	12.9	10340
4050	17/ 4/79	52:35:12N 4:48:12W	48	39	34.409	13.66+- 5.5%	166.50+- 0.4%	12.2	10341

## Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
4051	17/ 4/79	52:34:45N	92	3	34.794	ND	52.10+-0.8%		10342
4051	17/ 4/79	52:34:45N	92	85	34.822	ND	48.36+-0.9%		10343
4052	17/ 4/79	52:35: 0N	65	3	34.545	5.21+-14.3%	78.56+-0.8%	15.1	10344
4053	17/ 4/79	52:49:54N		3	34.229	NA	NA		10345
4053	17/ 4/79	52:49:54N	42	36	34.026	NA	NA		10346
4055	17/ 4/79	53: 3:42N	77	3	34.634	6.08+-30.1%	207.28+-0.7%	34.1	10348
4055	17/ 4/79	53: 3:42N	77	68	34.638	12.24+-14.6%	186.85+-0.7%	15.3	10349
4056	17/ 4/79	53: 4: 0N	38	3	34.678	ND	128.03+-0.7%		10350
4057	18/ 4/79	53: 3:45N	21	3	34.505	9.44+-20.3%	242.37+-0.6%	25.7	10351
4057	18/ 4/79	53: 3:45N	21	15	34.511	14.62+-12.3%	246.54+-0.6%	16.9	10352
4058	18/ 4/79	53:18:51N	66	3	34.547	11.50+-16.4%	313.87+-0.5%	27.3	10353
4058	18/ 4/79	53:18:51N	66	61	34.549	13.85+-12.8%	295.75+-0.5%	21.4	10354
4059	18/ 4/79	53:34: 0N	84	3	34.552	18.13+-10.0%	384.38+-0.4%	21.2	10355
4060	18/ 4/79	53:33:39N	80	3	34.737	5.30+-33.5%	148.81+-0.9%	28.1	10356
4060	18/ 4/79	53:33:39N	80	71	34.740	ND	144.85+-0.6%		10357
4061	18/ 4/79	53:40: 0N	60	3	34.420	64.29+- 3.2%	856.78+-0.2%	13.3	10358
4062	18/ 4/79	53:54: 0N	37	3	34.189	77.15+- 2.8%	1082.23+-0.2%	14.0	10359
4062	18/ 4/79	53:54: 0N	37	31	34.299	77.39+- 2.9%	1029.46+-0.2%	13.3	10360
4063	18/ 4/79	53:54:32N	111	3	34.540	32.58+- 6.2%	547.03+-0.3%	16.8	10361
4063	18/ 4/79	53:54:32N	111	102	34.666	12.49+-14.7%	211.90+-0.7%	17.0	10362
4064	18/ 4/79	53:54: 0N	85	3	34.593	35.33+- 7.5%	571.68+-0.4%	16.2	10363
4065	18/ 4/79	54: 3:57N	37	3	34.418	86.51+- 3.3%	1083.55+-0.2%	12.5	10364
4065	18/ 4/79	54: 3:57N	37	31	34.418	72.36+- 3.8%	1008.14+-0.2%	13.9	10365
4066	20/ 4/79	53:54: 0N	70	3	34.585	45.84+- 4.1%	644.34+-0.2%	14.1	10366
4067	20/ 4/79	53:44: 0N	60	3	34.588	41.80+- 6.3%	529.49+-0.4%	12.7	10367
4067	20/ 4/79	53:44: 0N	60	55	34.523	39.06+- 4.9%	514.71+-0.3%	13.2	10368
4068	20/ 4/79	53:34: 0N	57	3	34.408	39.56+- 4.9%	624.47+-0.3%	15.8	10369
4068	20/ 4/79	53:34: 0N	57	51	34.514	39.44+- 5.1%	608.78+-0.3%	15.4	10370
4069	20/ 4/79	53:23:54N	26	3	33.888	104.41+- 2.9%	1267.42+-0.2%	12.1	10371
4069	20/ 4/79	53:23:54N	26	26	33.857	83.98+- 2.6%	1146.77+-0.2%	13.7	10372

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
4070	20/ 4/79	53:33:54N	32	3	33.110	229.88+-	2775.04+-	0.1%	10373
4070	20/ 4/79	53:33:54N	32	26	33.414	176.95+-	2277.36+-	0.1%	10374
4071	20/ 4/79	53:34: 0N	17	3	30.769	456.41+-	5206.10+-	0.1%	10375
4072	20/ 4/79	53:44: 0N	17	3	32.145	570.21+-	6489.28+-	0.1%	10376
4072	20/ 4/79	53:44: 0N	17	11	31.865	536.87+-	6064.39+-	0.1%	10377
4073	20/ 4/79	53:54: 0N	19	3	32.429	487.99+-	5788.42+-	0.1%	10378
4073	20/ 4/79	53:54: 0N	19	12	32.360	507.97+-	5721.05+-	0.1%	10379
4074	20/ 4/79	53:53:48N	27	3	32.182	428.28+-	4911.21+-	0.1%	10380
4074	20/ 4/79	53:53:48N	27	18	32.646	382.31+-	4337.96+-	0.1%	10381
4075	20/ 4/79	53:43:54N	44	3	32.943	227.48+-	2895.76+-	0.1%	10382
4075	20/ 4/79	53:43:54N	44	38	32.385	114.90+-	1527.05+-	0.1%	10383
4076	20/ 4/79	53:54: 0N	42	3	33.171	238.32+-	2887.81+-	0.1%	10384
4077	18/ 4/79	53:53:51N	48	3	34.596	39.92+-	574.08+-	0.4%	10385
4077	18/ 4/79	53:53:51N	48	39	34.591	36.28+-	510.24+-	0.4%	10386
4079	18/ 4/79	54: 4: 9N	52	3	33.638	147.98+-	1992.29+-	0.2%	10387
4079	18/ 4/79	54: 4: 9N	52	44	34.064	99.04+-	1289.48+-	0.2%	10388
4080	19/ 4/79	54: 4: 0N	31	3	32.933	296.79+-	3571.14+-	0.2%	10389
4081	20/ 4/79	54: 4: 3N	21	3	32.894	418.85+-	4766.51+-	0.1%	10390
4081	20/ 4/79	54: 4: 3N	21	16	32.921	385.06+-	4408.00+-	0.1%	10391
4082	20/ 4/79	54:14: 3N	22	3	33.058	285.17+-	3217.27+-	0.2%	10392
4082	20/ 4/79	54:14: 3N	22	16	33.112	345.68+-	4030.74+-	0.2%	10393
4083	19/ 4/79	54:14: 0N	39	3	33.663	203.45+-	2588.12+-	0.2%	10394
4083	19/ 4/79	54:14: 0N	39	30	33.672	200.90+-	2412.88+-	0.2%	10395
4084	20/ 4/79	54:14: 0N	22	3	33.709	122.54+-	1422.44+-	0.3%	10396
4085	20/ 4/79	54:14: 3N	35	3	34.375	117.40+-	1396.61+-	0.3%	10397
4085	20/ 4/79	54:14: 3N	35	29	34.386	86.93+-	1043.01+-	0.4%	10398
4086	20/ 4/79	54:20: 0N	23	3	33.499	436.40+-	4989.62+-	0.1%	10399
4086	20/ 4/79	54:20: 0N	23	18	33.503	393.77+-	4517.87+-	0.2%	10400
4087	19/ 4/79	54:20: 0N	40	3	33.231	788.47+-	8953.35+-	0.2%	10401
4088	19/ 4/79	54:27:12N	35	3	33.214	846.17+-	9248.04+-	0.1%	10402

## Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
4088	19/ 4/79	54:27:12N	35	26	33.355	716.77+- 1.3%	7954.28+- 0.1%	11.1	10403
4089	19/ 4/79	54:29: 6N	43	3	33.480	561.52+- 1.3%	6017.10+- 0.1%	10.7	10404
4090	19/ 4/79	54:30:27N	47	3	33.854	236.03+- 2.2%	2739.65+- 0.2%	11.6	10405
4090	19/ 4/79	54:30:27N	47	38	33.946	204.37+- 2.3%	2366.37+- 0.2%	11.6	10406
4091	19/ 4/79	54:45: 3N	20	3	32.109	449.42+- 1.5%	5188.42+- 0.1%	11.5	10407
4091	19/ 4/79	54:45: 3N	20	14	32.519	487.64+- 1.4%	5588.62+- 0.1%	11.5	10408
4092	19/ 4/79	54:37:30N	40	3	33.322	570.78+- 1.4%	6353.01+- 0.1%	11.1	10409
4093	19/ 4/79	54:45: 0N	15	3	31.422	474.77+- 1.5%	5510.20+- 0.1%	11.6	10410
4094	19/ 4/79	54:37:15N	14	3	31.646	606.54+- 1.4%	7133.01+- 0.1%	11.8	10411
4094	19/ 4/79	54:37:15N	14	7	31.833	567.99+- 1.4%	6358.43+- 0.1%	11.2	10412
4095	19/ 4/79	54:32:36N	21	3	32.739	801.93+- 1.2%	8913.91+- 0.1%	11.1	10413
4095	19/ 4/79	54:32:36N	21	16	32.763	737.32+- 1.3%	8469.92+- 0.1%	11.5	10414
4096	19/ 4/79	54:25:36N	25	3	32.877	1160.81+- 1.4%	12874.40+- 0.1%	11.1	10415
4096	19/ 4/79	54:25:36N	25	17	32.882	1058.44+- 1.5%	11607.70+- 0.2%	11.0	10416
4097	19/ 4/79	54:22:36N	29	3	32.930	1956.69+- 1.2%	20046.10+- 0.1%	10.2	10417
4097	19/ 4/79	54:22:36N	29	23	33.195	900.80+- 1.7%	9969.81+- 0.2%	11.1	10418
4098	19/ 4/79	54:20: 0N	25	3	33.252	469.35+- 2.4%	5260.69+- 0.3%	11.2	10419
4098	19/ 4/79	54:20: 0N	25	17	33.302	456.95+- 2.4%	5065.17+- 0.3%	11.1	10420
4099	19/ 4/79	54:28:33N	24	3	32.711	969.15+- 1.7%	10586.00+- 0.2%	10.9	10421
4099	19/ 4/79	54:28:33N	24	15	28.876	883.46+- 1.7%	9355.73+- 0.2%	10.6	10422
4100	19/ 4/79	54:19:51N	19	3	33.061	809.77+- 1.7%	8902.46+- 0.2%	11.0	10423
4100	19/ 4/79	54:19:51N	19	12	33.045	815.43+- 1.7%	9082.07+- 0.2%	11.1	10424
4101	19/ 4/79	54:23:36N	26	3	32.869	1012.74+- 1.6%	11185.30+- 0.2%	11.0	10425
4101	19/ 4/79	54:23:36N	26	21	33.031	1068.00+- 1.5%	11849.50+- 0.2%	11.1	10426
4102	19/ 4/79	54:23:27N	22	3	32.900	3148.07+- 1.1%	33933.70+- 0.1%	10.8	10427
4102	19/ 4/79	54:23:27N	22	17	32.978	2938.23+- 1.2%	31981.00+- 0.1%	10.9	10428
4103	21/ 4/79	54:29: 0N	26	3	NA	383.63+- 1.4%	4554.03+- 0.1%	11.9	10429
4104	21/ 4/79	54:25: 0N	35	3	34.249	94.24+- 3.6%	1369.48+- 0.2%	14.5	10430
4105	20/ 4/79	54:10: 0N	36	3	34.644	13.76+-18.4%	324.94+- 0.6%	23.6	10431
4106	20/ 4/79	54: 9:54N	98	3	34.400	75.66+- 3.7%	952.91+- 0.3%	12.6	10432

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
4106	20/ 4/79	54: 9:54N	98	89	34.458	63.20+-	841.03+-	0.3%	10433
4107	21/ 4/79	54:10: 0N	24	3	34.210	73.73+-	1000.07+-	0.3%	10434
4108	21/ 4/79	54:25: 0N	90	3	34.371	68.04+-	956.20+-	0.3%	10435
4109	21/ 4/79	54:24:57N	147	3	34.353	90.15+-	1296.72+-	0.2%	10436
4109	21/ 4/79	54:24:57N	147	141	34.701	ND	229.70+-	0.7%	10437
4110	21/ 4/79	54:33: 0N	66	3	34.334	77.52+-	1016.42+-	0.2%	10438
4111	21/ 4/79	54:34:51N	149	3	34.373	74.72+-	1134.77+-	0.3%	10439
4111	21/ 4/79	54:34:51N	149	143	34.468	57.81+-	890.13+-	0.3%	10440
4112	21/ 4/79	54:39: 0N	32	3	34.088	176.15+-	2147.31+-	0.2%	10441
4113	21/ 4/79	54:50: 0N	40	3	34.277	116.26+-	1459.81+-	0.2%	10442
4114	21/ 4/79	55: 0: 9N	65	3	34.259	114.11+-	1452.87+-	0.2%	10443
4114	21/ 4/79	55: 0: 9N	65	59	34.249	116.29+-	1383.24+-	0.2%	10444
4115	21/ 4/79	54:56:36N	140	3	34.356	95.24+-	1240.42+-	0.2%	10445
4115	21/ 4/79	54:56:36N	140	135	34.395	84.10+-	1067.02+-	0.2%	10446
4116	21/ 4/79	54:53:45N	82	3	34.346	99.97+-	1191.68+-	0.2%	10447
4116	21/ 4/79	54:53:45N	82	67	34.373	92.21+-	1160.89+-	0.2%	10448
4117	21/ 4/79	55:14:45N	130	3	34.287	101.42+-	1192.12+-	0.1%	10449
4117	21/ 4/79	55:14:45N	130	121	34.278	100.67+-	1187.07+-	0.1%	10450
4118	21/ 4/79	55:30: 0N	90	3	34.148	94.56+-	1126.31+-	0.1%	10451
4119	21/ 4/79	55:29:48N	74	3	34.439	82.45+-	986.22+-	0.2%	10452
4119	21/ 4/79	55:29:48N	74	65	34.618	40.18+-	531.70+-	0.2%	10453
4120	21/ 4/79	55:30: 0N	70	3	35.004	ND	26.92+-	1.5%	10454
4121	22/ 4/79	55:30: 0N	90	3	35.264	ND	10.38+-	3.7%	10455
4122	22/ 4/79	55: 0: 0N	80	3	35.187	ND	10.94+-	3.5%	10456
4123	22/ 4/79	54:29:54N	73	3	34.643	ND	12.95+-	3.0%	10457
4123	22/ 4/79	54:29:54N	73	64	34.841	ND	41.19+-	1.0%	10458
4124	22/ 4/79	54:30: 0N	100	3	34.923	ND	14.11+-	2.7%	10459
4125	22/ 4/79	54:30: 0N	500	3	35.371	ND	5.99+-	6.3%	10460
4126	22/ 4/79	54:30: 0N	2945	3	35.325	ND	9.68+-	4.0%	10461
4127	22/ 4/79	55: 0: 0N	2640	3	35.371	ND	4.71+-	8.0%	10462

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
4128	23/ 4/79	55: 0: 0N 10: 0: 0W	121	3	35.376	ND	7.91+- 4.8%		10463
4128	23/ 4/79	55: 0: 0N 10: 0: 0W	121	100	35.302	ND	9.37+- 4.1%		10464
4129	23/ 4/79	55:30: 0N 10: 0: 0W	1620	3	35.367	7.09+-10.6%	75.00+- 0.8%	10.6	10465
4130	23/ 4/79	55:59:30N 10: 1:30W	2075	3	35.370	ND	6.76+- 6.1%		10466
4130	23/ 4/79	55:59:30N 10: 1:30W	2075	100	35.361	ND	5.21+- 7.4%		10467
4130	23/ 4/79	55:59:30N 10: 1:30W	2075	500	35.303	ND	4.89+- 7.7%		10468
4130	23/ 4/79	55:59:30N 10: 1:30W	2075	1000	35.166	ND	2.96+-12.6%		10469
4131	23/ 4/79	56: 0: 0N 9: 0: 0W	165	3	35.353	ND	5.84+- 6.5%		10470
4132	23/ 4/79	56: 0: 0N 8: 0: 0W	150	3	35.163	6.89+-11.0%	122.45+- 0.5%	17.8	10471
4133	23/ 4/79	56: 0: 0N 7: 0: 0W	65	3	34.581	46.43+- 2.7%	605.00+- 0.2%	13.0	10472
4134	23/ 4/79	56: 0: 0N 6:25: 0W	40	3	34.166	91.74+- 1.7%	1112.69+- 0.1%	12.1	10473
4135	23/ 4/79	56:25:42N 6:40: 0W	94	3	34.203	75.61+- 2.0%	932.27+- 0.2%	12.3	10474
4135	23/ 4/79	56:25:42N 6:40: 0W	94	83	34.389	63.53+- 2.2%	809.25+- 0.2%	12.7	10475
4136	24/ 4/79	56:30: 0N 7:20: 0W	101	3	34.622	41.95+- 3.0%	545.05+- 0.2%	13.0	10476
4136	24/ 4/79	56:30: 0N 7:20: 0W	101	92	35.105	7.51+-10.0%	85.09+- 0.7%	11.3	10477
4137	24/ 4/79	56:30: 0N 8: 0: 0W	160	3	34.765	41.56+- 2.2%	529.30+- 0.2%	12.7	10478
4138	24/ 4/79	56:30: 9N 9: 0: 9W	155	3	35.078	20.40+- 3.9%	220.39+- 0.3%	10.8	10479
4138	24/ 4/79	56:30: 9N 9: 0: 9W	155	100	35.350	ND	8.66+- 4.4%		10480
4139	24/ 4/79	56:30: 0N 10: 0: 0W	1820	3	35.328	ND	7.22+- 5.3%		10481
4140	24/ 4/79	57: 0: 0N 10: 0: 0W	2080	3	35.356	ND	6.69+- 5.6%		10482
4141	24/ 4/79	57:30: 0N 10: 0: 0W	1885	3	35.336	ND	11.04+- 3.5%		10483
4142	24/ 4/79	57:30: 3N 8:59:57W	140	3	35.271	ND	60.42+- 0.7%		10484
4142	24/ 4/79	57:30: 3N 8:59:57W	140	100	35.327	ND	14.82+- 2.6%		10485
4143	24/ 4/79	57:30: 0N 8: 0: 0W	76	3	34.779	42.51+- 3.0%	513.47+- 0.3%	12.1	10486
4144	24/ 4/79	57: 3: 0N 8:54: 0W	136	3	35.304	ND	52.05+- 0.8%		10487
4145	25/ 4/79	57: 0: 6N 8: 0: 3W	125	3	34.707	29.06+- 4.1%	403.00+- 0.3%	13.9	10488
4145	25/ 4/79	57: 0: 6N 8: 0: 3W	125	100	35.093	13.19+- 6.0%	193.70+- 0.4%	14.7	10489
4146	25/ 4/79	56:59:57N 7: 0: 0W	137	3	34.477	60.31+- 2.4%	766.97+- 0.2%	12.7	10491
4146	25/ 4/79	56:59:57N 7: 0: 0W	137	100	34.825	35.15+- 3.5%	436.65+- 0.3%	12.4	10492
4147	25/ 4/79	57:30: 0N 7: 0: 0W	140	3	34.364	66.89+- 2.2%	829.79+- 0.2%	12.4	10493

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
4147	25/ 4/79	57:30: 0N	140	100	34.574	58.29+- 2.3%	719.30+- 0.2%	12.3	10494
4148	25/ 4/79	58: 0: 0N	58	3	34.362	82.47+- 1.8%	990.11+- 0.2%	12.0	10495
4148	25/ 4/79	58: 0: 0N	58	50	34.406	76.47+- 1.9%	933.44+- 0.2%	12.2	10496
4149	25/ 4/79	58:30: 0N	93	3	34.764	46.67+- 2.7%	537.97+- 0.2%	11.5	10497
4149	25/ 4/79	58:30: 0N	93	84	34.994	28.80+- 4.0%	335.14+- 0.3%	11.6	10498
4150	25/ 4/79	58:30: 6N	76	3	34.877	30.79+- 2.9%	371.54+- 0.2%	12.1	10499
4150	25/ 4/79	58:30: 6N	76	67	35.112	16.95+- 4.4%	215.53+- 0.3%	12.7	10500
4151	25/ 4/79	58:30: 0N	150	3	35.296	ND	29.90+- 1.3%		10501
4152	25/ 4/79	58: 0:24N	85	3	34.844	43.26+- 2.2%	533.39+- 0.2%	12.3	10502
4152	25/ 4/79	58: 0:24N	85	74	34.837	41.98+- 2.2%	489.54+- 0.2%	11.7	10503
4153	25/ 4/79	58: 0: 0N	164	3	35.281	8.09+- 9.6%	78.34+- 0.8%	9.7	10504
4154	26/ 4/79	58: 0: 0N	190	3	35.299	ND	5.83+- 6.6%		10505
4155	26/ 4/79	58:30: 0N	180	3	35.313	ND	6.24+- 6.2%		10506
4156	26/ 4/79	58:30: 0N	524	3	35.324	ND	1.60+-42.2%		10507
4156	26/ 4/79	58:30: 0N	524	100	35.329	ND	15.90+- 2.5%		10508
4157	26/ 4/79	59: 0: 0N	1645	3	35.308	NA	NA		10509
4159	26/ 4/79	59: 0: 0N	1325	3	35.315	ND	4.83+- 7.9%		10510
4159	26/ 4/79	59: 0: 0N	1325	100	35.301	ND	5.25+- 7.2%		10511
4160	26/ 4/79	59:30: 0N	1100	3	35.298	ND	6.57+- 6.2%		10512
4163	26/ 4/79	59:30: 0N	1000	3	35.293	ND	5.03+- 9.9%		10513
4164	26/ 4/79	59: 0: 0N	190	3	35.295	ND	12.90+- 3.0%		10514
4165	26/ 4/79	59: 0: 0N	76	3	34.722	43.54+- 2.2%	558.07+- 0.2%	12.8	10515
4165	26/ 4/79	59: 0: 0N	76	67	35.110	13.95+- 5.9%	204.94+- 0.3%	14.7	10516
4166	26/ 4/79	59:30: 0N	126	3	35.210	5.30+-15.0%	105.39+- 0.6%	19.9	10517
4167	27/ 4/79	60: 0: 0N	1040	3	35.274	ND	8.06+- 4.9%		10518
4167	27/ 4/79	60: 0: 0N	1040	100	35.290	ND	11.97+- 2.9%		10519
4168	27/ 4/79	60:30: 0N	460	3	35.230	ND	4.98+- 7.6%		10520
4170	27/ 4/79	60:30: 0N	1000	3	35.240	ND	5.13+- 7.4%		10521
4171	27/ 4/79	60: 0: 0N	420	3	35.283	ND	7.28+- 5.2%		10522
4172	27/ 4/79	59:29:54N	145	3	35.306	ND	37.24+- 1.1%		10523

Annex 3. Continued

Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
4172	27/ 4/79	59:29:54N	145	100	35.250	ND	53.90+- 0.8%		10524
4173	27/ 4/79	59: 0: 0N	74	3	34.818	32.08+- 2.9%	430.68+- 0.2%	13.4	10525
4174	27/ 4/79	58:39:57N	68	3	34.427	54.81+- 2.0%	725.54+- 0.1%	13.2	10526
4174	27/ 4/79	58:39:57N	68	59	34.454	55.23+- 1.9%	705.01+- 0.1%	12.8	10527
4175	27/ 4/79	58:40: 0N	100	3	34.565	47.43+- 2.2%	616.07+- 0.2%	13.0	10528
4176	27/ 4/79	58:50: 0N	90	3	34.721	25.55+- 3.4%	337.13+- 0.2%	13.2	10529
4177	27/ 4/79	58:59:57N	74	3	34.819	32.69+- 2.8%	390.18+- 0.2%	11.9	10530
4177	27/ 4/79	58:59:57N	74	65	34.857	28.01+- 3.1%	378.15+- 0.2%	13.5	10531
4178	27/ 4/79	59:30: 0N	136	3	35.078	13.28+- 6.8%	174.46+- 0.4%	13.1	10532
4179	28/ 4/79	60: 0: 0N	126	3	35.268	ND	36.16+- 1.1%		10533
4180	28/ 4/79	60:30: 0N	540	3	35.281	ND	5.12+- 7.4%		10534
4181	28/ 4/79	61: 0: 6N	1155	3	35.271	ND	2.60+-14.6%		10535
4181	28/ 4/79	61: 0: 6N	1155	100	35.219	ND	7.12+- 5.4%		10536
4182	28/ 4/79	61:30: 0N	1450	3	35.228	ND	5.64+- 6.8%		10537
4183	29/ 4/79	61: 0: 0N	700	3	35.234	ND	5.18+- 7.3%		10538
4184	29/ 4/79	60:30: 0N	200	3	35.264	ND	7.63+- 5.0%		10539
4185	29/ 4/79	60: 0: 0N	90	3	35.109	12.64+- 6.5%	135.63+- 0.5%	10.7	10540
4186	29/ 4/79	59:25: 0N	40	3	34.725	31.59+- 2.8%	373.59+- 0.2%	11.8	10541
4187	29/ 4/79	59:28:30N	74	3	34.801	27.16+- 3.5%	352.62+- 0.2%	13.0	10542
4188	29/ 4/79	60: 0: 0N	86	3	35.157	ND	53.40+- 0.8%		10543
4189	29/ 4/79	60:30: 0N	125	3	35.220	ND	39.37+- 1.0%		10544
4190	29/ 4/79	61: 0: 0N	280	3	35.262	ND	7.32+- 5.2%		10545
4191	28/ 4/79	61:30: 0N	1125	3	35.278	ND	4.45+- 8.5%		10546
4191	28/ 4/79	61:30: 0N	1125	100	35.226	ND	7.03+- 5.4%		10547
4195	28/ 4/79	61:15: 0N	165	3	35.250	ND	15.11+- 2.6%		10548
4196	28/ 4/79	61:30: 0N	215	3	35.263	ND	7.32+- 5.2%		10549
4197	28/ 4/79	60:59: 0N	116	3	35.247	ND	22.44+- 1.8%		10550
4198	28/ 4/79	61: 0: 0N	145	3	35.242	ND	18.39+- 2.1%		10551
4198	28/ 4/79	61: 0: 0N	145	93	35.240	ND	23.43+- 1.7%		10552
4204	29/ 4/79	59:17: 0N	92	3	34.980	15.25+- 5.4%	188.56+- 0.4%	12.4	10553

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
4205	29/ 4/79	59: 0: 0N	84	3	34.845	18.11+-	227.56+-	0.3%	10554
4206	30/ 4/79	58:30: 0N	67	3	34.764	25.14+-	280.97+-	0.3%	10555
4208	30/ 4/79	58: 0: 0N	85	3	35.094	ND	75.37+-	0.6%	10556
4209	30/ 4/79	58:30: 0N	106	3	35.140	ND	73.21+-	0.6%	10557
4215	30/ 4/79	57:30: 0N	78	3	34.713	13.21+-	170.56+-	0.4%	10558
4216	30/ 4/79	57: 0: 0N	64	3	34.590	17.29+-	227.40+-	0.3%	10559
4217	30/ 4/79	56:30: 0N	70	3	34.649	17.57+-	276.58+-	0.3%	10560
4220	30/ 4/79	56: 0: 0N	76	3	34.686	21.82+-	286.59+-	0.3%	10561
4222	30/ 4/79	55:30: 0N	70	3	34.715	19.78+-	264.47+-	0.3%	10562
4223	30/ 4/79	55: 0: 0N	75	3	34.550	17.42+-	271.14+-	0.3%	10563
4224	30/ 4/79	54:30: 0N	60	3	34.440	22.33+-	273.36+-	0.3%	10564
4225	1/ 5/79	53:59:48N	50	3	34.046	11.32+-	128.40+-	0.6%	10565
4313	13/ 4/79	50:10: 0N	61	3	35.207	ND	9.70+-	4.0%	10281
4314	13/ 4/79	49:20: 0N	95	3	35.006	ND	5.59+-	6.8%	10284
4345	25/ 4/79	56:43:36N	54	3	34.603	48.04+-	604.97+-	0.2%	10490
4413	13/ 4/79	50: 0: 0N	84	3	35.259	ND	9.27+-	4.1%	10282
4414	13/ 4/79	49:20: 0N	95	3	35.141	ND	3.80+-	10.0%	10285
Site 38 Cirolana									
6001	7/ 6/79	49:53: 0N	88	3	35.015	ND	7.62+-	5.1%	10566
6002	7/ 6/79	49:42: 0N	120	3	35.329	ND	8.45+-	4.6%	10567
6003	7/ 6/79	49:28:24N	124	3	35.333	ND	5.52+-	7.0%	10568
6004	8/ 6/79	49:14: 0N	180	3	35.454	ND	5.27+-	6.5%	10569
6005	8/ 6/79	49: 0: 0N	13: 1: 0W	3	35.482	ND	4.57+-	8.5%	10570
6019	9/ 6/79	49:10: 0N	15:44: 0W	3	35.478	ND	3.51+-	9.8%	10571
6031	9/ 6/79	50:43: 0N	4753	3	35.542	ND	4.40+-	8.8%	10572
6045	10/ 6/79	52:27:48N	4124	3	35.520	ND	2.66+-	14.4%	10573
6169	18/ 6/79	46: 0: 1N	17:10:27W	3	35.677	NA	NA	NA	10574
6183	20/ 6/79	46: 7:45N	17:11:12W	3	35.693	NA	NA	NA	10575

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
6191	22/ 6/79	45:58:30N 17:12:18W		4735	34.901	NA	NA		10576
6191	22/ 6/79	45:58:30N 17:12:18W		4740	34.902	NA	NA		10577
6191	22/ 6/79	45:58:30N 17:12:18W		4745	34.903	NA	NA		10578
6193	22/ 6/79	45:58:12N 17:13: 6W		4735	34.902	NA	NA		10579
6193	22/ 6/79	45:58:12N 17:13: 6W		4740	34.902	NA	NA		10580
6193	22/ 6/79	45:58:12N 17:13: 6W		4745	34.902	NA	NA		10581
6226	24/ 6/79	47:59:32N 14: 6:24W	4250	3	35.535	ND	3.92+- 9.8%		10582
6244	25/ 6/79	47: 5:18N 15:30:18W	4828	3	35.661	ND	9.04+- 3.8%		10583
6259	25/ 6/79	47:13:36N 12:12:48W	4751	3	35.601	ND	3.09+-12.4%		10584
6291	30/ 6/79	50:28:30N 1: 0: 0W		3	34.349	ND	12.13+- 3.2%		10585
6292	30/ 6/79	50:37:24N 0: 0: 0E		3	34.838	ND	11.39+- 3.1%		10586
6294	30/ 6/79	51: 0: 0N 1:14: 0E		3	34.921	ND	11.27+- 3.5%		10587
Site 38 Cirolana									
8001	21/ 8/79	53:59:54N 0: 0:18E	29	3	34.071	20.30+- 8.1%	261.92+- 0.5%	12.9	10588
8002	21/ 8/79	54:30:30N 0: 0:36W	60	3	34.274	17.74+- 9.3%	226.61+- 0.5%	12.8	10589
8003	22/ 8/79	55: 0: 0N 1:15:30W		3	34.361	19.21+- 9.7%	221.58+- 0.6%	11.5	10590
8011	22/ 8/79	56: 0: 0N 0: 0: 0E	86	3	34.739	23.16+- 7.1%	242.13+- 0.5%	10.5	10591
8012	23/ 8/79	56:30: 0N 0:59:48W	79	3	34.621	18.24+- 9.1%	304.80+- 0.4%	16.7	10592
8015	23/ 8/79	56:20:24N 1:19:36W	61	3	34.610	20.64+- 8.1%	320.41+- 0.4%	15.5	10593
8019	24/ 8/79	57: 0: 0N 1: 0:12E	94	3	34.893	8.42+-19.3%	146.27+- 0.8%	17.4	10594
8019	24/ 8/79	57: 0: 0N 1: 0:12E	94	91	34.876	10.37+-15.7%	171.99+- 0.7%	16.6	10595
8023	24/ 8/79	57: 1: 0N 0:59:54E	70	3	34.620	22.17+- 7.6%	360.42+- 0.3%	16.3	10596
8023	24/ 8/79	57: 1: 0N 0:59:54E	70	67	34.722	29.70+- 5.7%	367.21+- 0.3%	12.4	10597
8024	24/ 8/79	57:30: 0N 1: 0: 6W	86	3	34.681	38.08+- 4.3%	403.47+- 0.3%	10.6	10598
8028	25/ 8/79	58: 0: 0N 0: 0: 0E	128	3	35.042	4.04+-40.0%	84.90+- 1.3%	21.0	10599
8035	26/ 8/79	58: 0: 0N 2: 0: 0W	80	3	34.766	27.87+- 6.0%	379.68+- 0.3%	13.6	10600
8037	26/ 8/79	58: 7:54N 2:40:42W	50	3	34.757	27.38+- 6.2%	425.31+- 0.3%	15.5	10601
8039	27/ 8/79	58:30: 0N 2: 0: 0W	95	3	34.847	25.28+- 6.6%	301.61+- 0.4%	11.9	10602

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
8040	27/ 8/79	59: 0: 0N	129	3	35.096	ND	42.22+- 1.7%		10603
8046	28/ 8/79	60: 0: 0N	100	3	34.978	16.21+-10.1%	278.23+- 0.4%	17.2	10604
8048	28/ 8/79	60:27:12N	161	3	35.172	ND	75.81+- 1.0%		10605
8052	28/ 8/79	61: 8: 6N	158	3	35.223	ND	11.10+- 6.1%		10606
8053	28/ 8/79	61: 0: 0N		3	35.329	ND	64.56+- 1.1%		10607
8057	29/ 8/79	60: 0: 0N	150	3	35.167	ND	22.62+- 3.0%		10608
8058	29/ 8/79	60:30: 0N	140	3	35.246	ND	9.78+- 6.7%		10609
8059	30/ 8/79	61:30: 0N	184	3	35.209	ND	7.40+- 9.1%		10610
8063	30/ 8/79	60:52:48N	141	3	35.216	ND	10.26+- 6.6%		10611
8066	31/ 8/79	61: 0: 0N	320	3	34.278	ND	47.09+- 1.5%		10612
8073	1/ 9/79	60: 0: 0N	288	3	32.605	ND	107.77+- 0.7%		10613
8081	1/ 9/79	59: 0: 0N	150	3	34.895	ND	66.16+- 1.1%		10614
8082	2/ 9/79	59: 0: 0N	150	3	34.579	ND	38.58+- 1.8%		10615
8083	2/ 9/79	59: 0: 0N	243	3	32.012	4.08+-38.8%	121.68+- 0.9%	29.8	10616
8086	2/ 9/79	58:28:12N	164	3	33.288	ND	96.11+- 0.8%		10617
8087	3/ 9/79	58: 0: 0N	310	3	28.584	3.13+-50.4%	97.06+- 1.1%	31.0	10618
8091	3/ 9/79	58: 5:12N	105	3	34.395	ND	65.74+- 1.1%		10619
8093	3/ 9/79	57:56:36N	78	3	35.006	6.23+-25.4%	86.49+- 1.2%	13.9	10620
8095	4/ 9/79	58: 0: 0N	90	3	34.999	8.32+-19.0%	124.24+- 0.9%	14.9	10621
8097	4/ 9/79	57: 0: 0N	69	3	34.791	8.07+-19.7%	195.06+- 0.6%	24.2	10622
8097	4/ 9/79	57: 0: 0N	69	66	35.049	12.66+-12.6%	206.14+- 0.6%	16.3	10623
8098	4/ 9/79	57: 0: 0N	61	3	34.574	9.28+-17.4%	222.59+- 0.5%	24.0	10624
8098	4/ 9/79	57: 0: 0N	61	58	34.924	5.56+-28.9%	225.43+- 0.5%	40.6	10625
8104	5/ 9/79	57: 0: 0N	31	3	33.916	7.25+-22.1%	158.39+- 0.7%	21.9	10626
8104	5/ 9/79	57: 0: 0N	31	28	34.304	ND	166.74+- 0.5%		10627
8106	6/ 9/79	56:39:18N	43	3	34.100	6.24+-25.6%	160.90+- 0.7%	25.8	10628
8112	7/ 9/79	56: 0: 0N	50	3	34.464	9.08+-17.7%	181.34+- 0.6%	20.0	10629
8121	8/ 9/79	55: 0:36N	49	3	33.364	ND	40.61+- 1.7%		10630
8124	8/ 9/79	54:20: 0N		3	34.226	ND	127.11+- 0.6%		10631
8125	9/ 9/79	55: 0: 0N		3	34.424	9.90+-16.3%	244.10+- 0.5%	24.7	10632

Annex 3. Continued  
 Concentrations of  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  in filtered seawater ( $\text{Bq m}^{-3}$ ): non-routine offshore sampling, 1975-79

Station	Collection date	Position	Station depth (m)	Sampling depth (m)	Salinity	$^{134}\text{Cs}$	$^{137}\text{Cs}$	Ratio	Sample no.
8131	9/ 9/79	55:47:48N	59	3	34.615	9.00+-17.9%	236.49+-	0.5%	26.3 10633
8132	9/ 9/79	56: 0: 0N	60	3	34.808	17.02+-	237.00+-	0.5%	13.9 10634
8133	10/ 9/79	56: 0: 0N		3	34.776	10.89+-14.7%	185.24+-	0.6%	17.0 10635
8140	10/ 9/79	55: 0: 0N	45	3	34.475	16.93+-	272.35+-	0.4%	16.1 10636
8141	11/ 9/79	55: 0: 0N	56	3	34.359	16.43+-	274.55+-	0.4%	16.7 10637
8144	11/ 9/79	54:47:18N	41	3	34.329	17.72+-	267.67+-	0.4%	15.1 10638
8148	11/ 9/79	54: 0: 0N	69	3	34.456	15.80+-10.3%	278.21+-	0.4%	17.6 10639
8151	12/ 9/79	52:48: 0N	43	3	34.464	ND	61.73+-	1.2%	10640
8153	13/ 9/79	52:30: 0N	36	3	33.939	7.75+-20.7%	155.22+-	0.7%	20.0 10641
8154	13/ 9/79	52: 5: 0N	37	3	NA	ND	26.82+-	2.6%	10642
8155	13/ 9/79	52:30: 0N	24	3	34.596	ND	20.10+-	3.4%	10643
8157	13/ 9/79	52:45:30N	40	3	34.684	ND	18.75+-	3.6%	10644
8159	13/ 9/79	53: 0: 0N	30	3	34.288	5.04+-31.6%	84.51+-	1.3%	16.8 10645
8163	14/ 9/79	54: 0: 0N	46	3	34.115	13.60+-11.9%	248.05+-	0.5%	18.2 10646

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